

# **EWG'S RESTRICTED LIST:** Personal Care Products

**EWG VERIFIED™** products cannot contain any of the ingredients outlined in this document without adequate substantiation.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
1-(2,4,4-Trimethyl-1-cyclohexen- 1-yl)-2-buten-1-one	Rose ketones	70266-48-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
1-(3,4-DIMETHOXYPHENYL)-4,4 DIMETHYL-1,3-PENTA NEDIENE	134DIMETHOXYP HENYL44DIMETH YL13PENTANEDIO NE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 7% in rinse- off products (not applied to mucosa).	
1-(3,4-DIMETHOXYPHENYL)-4,4 DIMETHYL-1,3-PENTA NEDIENE	134DIMETHOXYP HENYL44DIMETH YL13PENTANEDIO NE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

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1-(3,4-DIMETHOXYPHENYL)-4,4 DIMETHYL-1,3-PENTA NEDIENE	134DIMETHOXYP HENYL44DIMETH YL13PENTANEDIO NE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 7% in leave-on products (not applied to mucosa).	
1-[(2-Chloro-4-nitrophenyl)azo]- 2-naphthol and its insoluble barium, strontium and zirconium lakes, salts and pigments			(*) The European Commission restricts this ingredient to a maximum concentration of 3%.	
1-ACETOXY-2- METHYLNAPHTHALENE	1-ACETOXY-2- METHYLNAPHTH ALENE		The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products. When both 2-Methyl- 1-Naphthol and 1-Acetoxy-2- Methylnaphthalene are present in a hair dye formulation, the maximum concentration on the head of 2-Methyl-1- Naphthol should not exceed 2.0%.	
1-Hydroxy-4-methyl-6-(2,4,4- trimethylpentyl)-2 pyridon and its monoethanolamine salt			(*) The European Commission restricts this ingredient to a maximum concentration of 1.0% in rinse-off products and 0.5% in other products	
1-METHYL-4-METHYLVINYL- CYCLOHEXENE	1-METHYL-4- METHYLVINYL- CYCLOHEXENE	7705-14-8	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

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1-NAPHTHOL	1-Naphthol	90-15-3	The European Commission restricts this ingredient to a maximum concentration of 2% (or 1% calculated as free base) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following on the product label/package: - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
1-NAPHTHOL	1-Naphthol	90-15-3	The European Commission restricts this ingredient to a maximum concentration of 2% (or 1% calculated as free base) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following on the product label/package: - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

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1-NAPHTHOL	1-Naphthol	90-15-3	The European Commission restricts this ingredient to a maximum concentration of 2% (or 1% calculated as free base) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following on the product label/package: - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
1-NAPHTHOL	1-Naphthol	90-15-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3% in hair coloring products.	
1-NAPHTHOL	INAPHTHOL	90-15-3	Health Canada restricts the use of this ingredient to oxidizing coloring agents with a maximum concentration of 2% in hair dyes. When combined with hydrogen peroxide, the maximum concentration is 1%.	

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1-TRIMETHYL-2- CYCLOHEXENYL-1-PENTEN-3- ONE	Methyl ionone, mixed isomers	7779-30-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 2% in lip products, 2.59% in deodorants/antiperspirants, 10.56% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 31.67% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 16.67% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 50.72% in mouthwashes, breath sprays, and toothpastes, 5.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
1,2-HEXANEDIOL	1,2-Hexanediol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate and 1,2,3-Propanetricarboxylic acid, 2-hydroxy-silver(1+) salt, monohydrate			(*) The European Commission restricts this ingredient to a maximum concentration of 0.2% corresponding to 0.0024% of silver	

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1,2,3,4,5,6,7,8-OCTAHYDRO- 2,3,8,8-TETRAMETHYL-2- NAPHTHYL-ETHANONE	1-(1,2,3,4,5,6,7,8 Octahydro-2,3,8,8- tetramethyl-2- naphthalenyl) ethanone	54464-57-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.34% in lip products, 1.73% in deodorants/antiperspirants, 7.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 21.4% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 11.2% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 34.2% in mouthwashes, breath sprays, and toothpastes, 3.6% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
1,3-BIS-(2,4- DIAMINOPHENOXY) PROPANE HCL	1,3-Bis-(2,4- diaminophenoxy) Propane HCl	74918-21-1	The European Commission restricts this ingredient to a maximum concentration of 1.2% calculated as free base (1.8% as tetrahydrochloride salt) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'

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1,3-BIS-(2,4- DIAMINOPHENOXY)PROPANE	1,3-BIS-(2,4- DIAMINOPHENOX Y)PROPANE	81892-72-0	The European Commission restricts this ingredient to a maximum concentration of 1.2% calculated as free base (1.8% as tetrahydrochloride salt) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'
1,3-BIS-(2,4- DIAMINOPHENOXY)PROPANE	1,3-BIS-(2,4- DIAMINOPHENOX Y)PROPANE	81892-72-0	The European Commission restricts this ingredient to a maximum concentration of 1.2% calculated as free base (1.8% as tetrahydrochloride salt) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'
1,3-BIS-(2,4- DIAMINOPHENOXY)PROPANE	1,3-BIS-(2,4- DIAMINOPHENOX Y)PROPANE	81892-72-0	The European Commission restricts this ingredient to a maximum concentration of 1.2% calculated as free base (1.8% as tetrahydrochloride salt) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'
1,3-ISOBENZOFURANDIONE, HEXAHYDRO-	Hexahydrophthali c Anhydride		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

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1,4-Benzenediamine, 2- (methoxymethyl) 1,4- Benzenediamine, 2- (methoxymethyl)-, sulfate			(*) The European Commission restricts this ingredient to a maximum concentration of 1.8% (calculated as free base) applied to hair after mixing under oxidative conditions.	(*) The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: - you have a rash on your face or sensitive, irritated and damaged scalp, - you have ever experienced any reaction after colouring your hair, - you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
1,5-NAPHTHALENEDIOL		83-56-7	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

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1,5-NAPHTHALENEDIOL		83-56-7	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
1,5-NAPHTHALENEDIOL	1,5- NAPHTHALENEDI OL	83-56-7	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
1,7,7- Trimethylbicyclo[2.2.1]heptan-2- one	CAMPHOR	76-22-2	Health Canada restricts this ingredient to a maximum concentration of 3%.	
2-ACETONAPHTHONE	Methyl β-naphthyl ketone	93-08-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in leave-on products	

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2-AMINO-3- HYDROXYPYRIDINE	2-AMINO-3- HYDROXYPYRIDI NE	16867-03-1	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in hair dye products.	The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
2-AMINO-3-NITROPHENOL	2-AMINO-3- NITROPHENOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in hair dyes.	

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2-AMINO-4- HYDROXYETHYLAMINOANISO LE	2-AMINO-4- HYDROXYETHYLA MINOANISOLE	83763-47-7	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as sulphate) applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers. This ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

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2-AMINO-4- HYDROXYETHYLAMINOANISO LE	2-AMINO-4- HYDROXYETHYLA MINOANISOLE	83763-47-7	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as sulphate) applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers. This ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

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2-AMINO-4- HYDROXYETHYLAMINOANISO LE	2-AMINO-4- HYDROXYETHYLA MINOANISOLE		The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	៶ឣ៳៳៳៵៲៶៰៳៲៳៵៎ឣ៳ឣ៲៰៳៵៲៱៳៶៸៶ឣ៲៸៳៳៲៸៳៳៱ឣ៲៰៳៳៲៰៰៰៰៰៰៰

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2-AMINO-4- HYDROXYETHYLAMINOANISO LE SULFATE	2-AMINO-4- HYDROXYETHYLA MINOANISOLE SULFATE	83763-48-8	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as sulphate) applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers. This ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any
2-AMINO-4- HYDROXYETHYLAMINOANISO LE SULFATE	2-AMINO-4- HYDROXYETHYLA MINOANISOLE SULFATE		The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	

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2-AMINO-6-CHLORO-4- NITROPHENOL			The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains magnesium fluoride.'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
2-AMINO-6-CHLORO-4- NITROPHENOL	2-AMINO-6- CHLORO-4- NITROPHENOL		The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
2-AMINO-6-CHLORO-4- NITROPHENOL	2-AMINO-6- CHLORO-4- NITROPHENOL		The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
2-AMINO-6-CHLORO-4- NITROPHENOL	2-AMINO-6- CHLORO-4- NITROPHENOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in hair dyes.	
2-AMINO-6-CHLORO-4- NITROPHENOL HCL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in hair dyes.	

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2-AMINOBUTANOL	2- AMINOBUTANOL	96-20-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
2-BROMO-2-NITROPROPANE- 1,3-DIOL	2-bromo-2- nitropropane-1,3- diol	52-51-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%. Additionally, the CIR does not allow the use of this ingredient in cosmetic products under circumstances where its actions with amines or amides can result in the formation of nitrosamines or nitrosamides.	
2-BROMO-2-NITROPROPANE- 1,3-DIOL	2BROMO2NITROP ROPANE13DIOL	52-51-7	Health Canada restricts this ingredient to a maximum concentration of 0.1%, and it cannot be used in formulations that contain amines or amides.	
2-BROMO-2-NITROPROPANE- 1,3-DIOL	Bronopol	52-51-7	(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	

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2-Buten-1-one, 1-(2,2-dimethyl-6- Ro methylenecyclohexyl)-	ose ketones	35087-49-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

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2-Buten-1-one, 1-(2,6,6-trimethyl- 1-cyclohexen-1-yl)-	Rose ketones	35044-68-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
2-BUTEN-1-ONE, 1-(2,6,6- TRIMETHYL-1,3- CYCLOHEXADIEN-1-YL)-,	Rose ketones	23726-93-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
2-BUTOXYETHANOL	Butoxyethanol	111-76-2	The European Commission restricts this ingredient to a maximum concentration of 4.0% in oxidative hair dye products and 2.0% in non-oxidative hair dye products. Additionally, this solvent cannot be used in aerosol dispensers (sprays).	
2-BUTOXYETHANOL	Butoxyethanol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% in hair and nail products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
2-BUTOXYETHANOL	Butoxyethanol	111-76-2	Health Canada restricts this ingredient to a maximum concentration of 10% in hair dyes and nail products, and the ingredient is not allowed in other product types.	
2-CHLORO-6-ETHYLAMINO-4- NITROPHENOL		131657-78-8	The European Commission banned the use of this substance in 2009.	
2-CHLORO-6-ETHYLAMINO-4- NITROPHENOL	2-CHLORO-6- ETHYLAMINO-4- NITROPHENOL	131657-78-8	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 3.0% in non- oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Can cause allergic reaction.'
2-CHLORO-6-ETHYLAMINO-4- NITROPHENOL	2-CHLORO-6- ETHYLAMINO-4- NITROPHENOL	131657-78-8	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 3.0% in non- oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Can cause allergic reaction.'
2-CHLORO-P- PHENYLENEDIAMINE	2-CHLORO-P- PHENYLENEDIAM INE	615-66-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
2-CHLORO-P- PHENYLENEDIAMINE SULFATE	2-CHLORO-P- PHENYLENEDIAM INE SULFATE	6219-71-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2-Cyclopenten-1-one, 3-methyl-	3-Methyl-2-	68922-13-4	The International Fragrance Association	
2-(pentyloxy)-	(pentyloxy)cyclop		restricts this ingredient to a maximum	
	ent-2-en-1-one		concentration of 0.03% in lip products,	
			0.04% in deodorants/antiperspirants,	
			0.17% in hydroalcoholic products	
			applied to recently shaved skin, men's	
			facial creams and balms, eye products,	
			and baby creams, lotions and oils, 0.5%	
			in hydroalcoholic products applied to	
			unshaved skin (e.g. perfume), body	
			sprays, hair styling aids and sprays,	
			body creams, oils and lotions, and foot	
			care products, 0.26% in women's facial	
			creams and makeup, hand creams,	
			facial masks, baby powder, wipes, hand	
			sanitizers, and dry shampoos, 0.8% in	
			mouthwashes, breath sprays, and	
			toothpastes, 0.08% in intimate wipes,	
			and baby wipes, 1.11% in makeup	
			removers, non-spray hair styling aids,	
			nail products, powders, and hair dyes,	
			and 5% in bath products (bar and liquid	
			soap, bath gels, body washes,	
			depilatories, facial cleansers, shampoos,	
			conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2- HEPTYLIDENECYCLOPENTAN ONE	2-Heptylidene cyclopentan-1-one	39189-74-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.15% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.45% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.24% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.72% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
HEXYLIDENECYCLOPENTANO	L- HEXYLIDENECYCL OPENTANONE	17373-03-0	ingredient to a maximum concentration of 0.06% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
2- HEXYLIDENECYCLOPENTANO NE	α-Hexylidene cyclopentanone	17373-89-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.01% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.06% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.06% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.2% in mouthwashes, breath sprays, and toothpastes, 0.02% in intimate wipes, and baby wipes, 0.06% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.06% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2-HYDROXYETHYL PICRAMIC ACID	2- HYDROXYETHYL PICRAMIC ACID	99610-72-7	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.0% in non- oxidative hair dye products Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
2-HYDROXYETHYL PICRAMIC ACID	2- HYDROXYETHYL PICRAMIC ACID	99610-72-7	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.0% in non- oxidative hair dye products Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2-HYDROXYETHYLAMINO-5- NITROANISOLE	2- HYDROXYETHYLA MINO-5- NITROANISOLE	66095-81-6	The European Commission restricts this ingredient to a maximum concentration of 0.2% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
2-HYDROXYETHYLAMINO-5- NITROANISOLE	2- HYDROXYETHYLA MINO-5- NITROANISOLE	66095-81-6	The European Commission restricts this ingredient to a maximum concentration of 0.2% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2-METHOXY-p-CRESOL	2-METHOXY-4- METHYLPHENOL	93-51-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.01% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.01% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.01% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.09% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.01% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
2-METHYL-1-NAPHTHOL	2-METHYL-1- NAPHTHOL	7469-77-4	The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products. When both 2-Methyl- 1-Naphthol and 1-Acetoxy-2- Methylnaphthalene are present in a hair dye formulation, the maximum concentration on the head of 2-Methyl-1- Naphthol should not exceed 2.0%.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
2-METHYL-5- HYDROXYETHYLAMINOPHEN OL	2-METHYL-5- HYDROXYETHYLA MINOPHENOL	55302-96-0	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced a

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2-METHYL-5- HYDROXYETHYLAMINOPHEN OL	2-METHYL-5- HYDROXYETHYLA MINOPHENOL	55302-96-0	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced a

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient 2-METHYL-5- HYDROXYETHYLAMINOPHEN OL	Alternative name 2-METHYL-5- HYDROXYETHYLA MINOPHENOL	55302-96-0	The European Commission restrictions of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Byelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced a
2-METHYL-5-	2-METHYL-5-		The Cosmetic Ingredient Review has	
HYDROXYETHYLAMINOPHEN	HYDROXYETHYLA		determined that this ingredient is safe	
OL	MINOPHENOL		as used up to a concentration of 5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
2-METHYLRESORCINOL	2- METHYLRESORCI NOL	608-25-3	The European Commission restricts this ingredient to a maximum concentration of 1.8% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.8% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
2-METHYLRESORCINOL	2- METHYLRESORCI NOL	608-25-3	The European Commission restricts this ingredient to a maximum concentration of 1.8% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.8% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
2-METHYLRESORCINOL	2- METHYLRESORCI NOL	608-25-3	The European Commission restricts this ingredient to a maximum concentration of 1.8% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.8% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
2-METHYLRESORCINOL	2-METHYL RESORCINOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
2-NITRO-P- PHENYLENEDIAMINE	2-NITRO-P- PHENYLENEDIAM INE	5307-14-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2-NONYN-1-AL DIMETHYLACETAL	2-Nonyn-1-al dimethyl acetal	13257-44-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.66% in lip products, 0.84% in deodorants/antiperspirants, 3.47% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 10.41% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 5.48% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 16.67% in mouthwashes, breath sprays, and toothpastes, 1.74% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
2-phenoxyethanol		122-99-6	(*) The European Commission restricts this ingredient to a maximum concentration of 1.00%	
2-PHENYLPHENOL	OPHENYLPHENO L		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2-PHENYLPHENOL	OPHENYLPHENO L		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in leave-on products (not applied to mucosa).	
2,3-DIHYDRO-2,2,6- TRIMETHYLBENZALDEHYDE	2,6,6- Trimethylcyclohex- 1,3-dienyl methanal	116-26-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.01% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.01% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.02% in mouthwashes, breath sprays, and toothpastes, 0% in intimate wipes, and baby wipes, 0.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.01% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
2,4-Bis-[{4-(2-ethylhexyloxy)-2- hydroxy}-phenyl]-6-(4- methoxyphenyl)- 1,3,5-triazine			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2,4-DIAMINOPHENOL	2,4- DIAMINOPHENOL	95-86-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% as the free base.	
2,4-DIAMINOPHENOL HCL	2,4- DIAMINOPHENOL HCL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% as the free base.	
2,4- DIAMINOPHENOXYETHANOL HCL	2,4- DIAMINOPHENOX YETHANOL HCL	66422-95-5	The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
2,4- DIAMINOPHENOXYETHANOL HCL	2,4- DIAMINOPHENOX YETHANOL HCL	66422-95-5	The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2,4-	2,4-	66422-95-5	The European Commission restricts this	The European Commission requires the
DIAMINOPHENOXYETHANOL	DIAMINOPHENOX		ingredient to a maximum concentration	following on the product label/package
HCL	YETHANOL HCL		of 2.0% applied to hair or eyelashes	of oxidative hair dyes: - The mixing
			after mixing under oxidative conditions	ratio; - 'Hair colorants can cause severe
			in oxidative hair dyes and products	allergic reactions.'; - 'Read and follow
			intended for coloring eyelashes.	instructions.'; - 'This product is not
			Additionally, this ingredient is only	intended for use on persons under the
			permitted for professional use in	age of 16.'; - 'Temporary 'black henna'
			products intended for coloring	tattoos may increase your risk of
			eyelashes.	allergy.'; - 'Do not colour your hair if: —
				you have a rash on your face or
				sensitive, irritated and damaged scalp,
				<ul> <li>you have ever experienced any</li> </ul>
				reaction after colouring your hair, — you
				have experienced a reaction to a
				temporary 'black henna' tattoo in the
				past.' The European commission
				requires the following on the product
				label/package of products intended for
				coloring eyelashes: - The mixing ratio; -
				'For professional use only.'; - 'Hair
				colorants can cause severe allergic
				reactions.'; - 'Read and follow
				instructions.'; - 'This product is not
				intended for use on persons under the
				age of 16.'; - 'Temporary 'black henna'
				tattoos may increase your risk of
				allergy.'; - 'Eyelashes shall not be
				coloured if the consumer: — has a rash
				on the face or sensitive, irritated and
				damaged scalp, — has experienced any
2,4-	2,4-		The Cosmetic Ingredient Review has	៶ឣ៳៳៳៸៲៶៝៝៳៲៳ឝឝ៳ឣ៲៶៘៳៳៶៶ឣ៲៳៳៲៶ឨ៳៱ឣ៲៶៘៳៶ ៶
DIAMINOPHENOXYETHANOL	DIAMINOPHENOX		determined that this ingredient is safe	
HCL	YETHANOL HCL		as used up to a concentration of 2%.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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2,4- DIAMINOPHENOXYETHANOL SULFATE	2,4- DIAMINOPHENOX YETHANOL SULFATE	70643-20-8	The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any
2,4- DIAMINOPHENOXYETHANOL SULFATE	2,4- DIAMINOPHENOX YETHANOL SULFATE	2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	หลุดอุธรังสุข.อร์รัดห.ออไอแห่งสุข.ไรอร์ห.อง

Substance/Ingredient Alternative name CAS EWG VERIFIE	D™ Product Restrictions * Labels Must Bear These Warnings
2,4-DIMETHYL-3- CYCLOHEXENE CARBOXALDEHYDE Dimethylcyclohex- CARBOXALDEHYDE Dimethylcyclohex- CARBOXALDEHYDE CARBOXALDEHYDE Dimethylcyclohex- Carbaldehyde (mixed isomers) Dimethylcyclohex- Carbaldehyde (mixed isom	hal Fragrance Association hyperdient to a maximum of 0.17% in lip products, balcoholic products ently shaved skin, men's and balms, eye products, ams, lotions and oils, 2.7% blic products applied to (e.g. perfume), body yling aids and sprays, oils and lotions, and foot 1.4% in women's facial akeup, hand creams, baby powder, wipes, hand dry shampoos, 4.3% in breath sprays, and 45% in intimate wipes, es, 2% in makeup -spray hair styling aids, powders, and hair dyes, n products (bar and liquid s, body washes, acial cleansers, shampoos, etc.).

Substance/Ingredient Alternative name CAS EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warni	ngs
24,6-TRIMETHYL-3- CYCLOHEXENECARBALDEHYD EISOCYCLOCITRAL1423-46-7The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.3% in deodorants/antiperspirants, 1.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 3.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care and makeup, hand creams, facial masks, baby powder, wipes, hand sanitzers, and dry shampoos, 5.1% in mouthwashes, breath sprays, and toothpastes, 0.5% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bear and hird yes, and 5% in bath products, body washes, depliatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2,6-DIHYDROXY-3,4- DIMETHYLPYRIDINE	2,6-DIHYDROXY- 3,4- DIMETHYLPYRIDI NE	84540-47-6	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in hair dye products.	The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
2,6-DIHYDROXY-3,4- DIMETHYLPYRIDINE	2,6-DIHYDROXY- 3,4- DIMETHYLPYRIDI NE	84540-47-6	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in hair dye products.	The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2,6-DIHYDROXY-3,4- DIMETHYLPYRIDINE	2,6-DIHYDROXY- 3,4- DIMETHYLPYRIDI NE	84540-47-6	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in hair dye products.	The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
2,6- DIHYDROXYETHYLAMINOTOL UENE	2,6- DIHYDROXYETHY LAMINOTOLUENE	149330-25-6	The European Commission restricts this ingredient to a maximum concentration of 5% (calculated as free base) applied to hair after mixing under oxidative conditions.	
2,6-DIMETHOXY-3,5- PYRIDINEDIAMINE HCL		56216-28-5	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
2,6-DIMETHOXY-3,5- PYRIDINEDIAMINE HCL		56216-28-5	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
2,6-DIMETHOXY-3,5- PYRIDINEDIAMINE HCL	2,6-DIMETHOXY- 3,5- PYRIDINEDIAMIN E HCL	56216-28-5	The European Commission restricts this ingredient to a maximum concentration of 0.25% (as hydrochloride) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Can cause allergic reaction.'
2,7-NAPHTHALENEDIOL		582-17-2	The European Commission restricts this ingredient to a maximum concentration of 6% (as NH3).	The European Commission requires the following warning text on the product label/package if the ingredient is above 2%: - 'Contains ammonia'
2,7-NAPHTHALENEDIOL		582-17-2	The European Commission restricts this ingredient to a maximum concentration of 6% (as NH3).	The European Commission requires the following warning text on the product label/package if the ingredient is above 2%: - 'Contains ammonia'
2,7-NAPHTHALENEDIOL	2,7- NAPHTHALENEDI OL	582-17-2	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
22METHYLENEBIS62HBENZOT RIAZOLE2YL41133TETRAMETH YLBUTYLPHENOL			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
22METHYLENEBIS62HBENZOT RIAZOLE2YL41133TETRAMETH YLBUTYLPHENOL			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
22METHYLENEBIS62HBENZOT RIAZOLE2YL41133TETRAMETH YLBUTYLPHENOL			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
246TRIS42ETHYLHEXYLOXYCA RBONYLANILINO135TRIAZINE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in rinse- off products (not applied to mucosa).	
246TRIS42ETHYLHEXYLOXYCA RBONYLANILINO135TRIAZINE			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
246TRIS42ETHYLHEXYLOXYCA RBONYLANILINO135TRIAZINE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in leave-on products (not applied to mucosa).	
24DIETHYLAMINO2HYDROXYB ENZYLBENZOICACIDHEXYLES TER			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
24DIETHYLAMINO2HYDROXYB ENZYLBENZOICACIDHEXYLES TER			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
24DIETHYLAMINO2HYDROXYB ENZYLBENZOICACIDHEXYLES TER 3-(4-Hydroxy-4-methylpentyl)-		31906-04-4	The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa). The International Fragrance Association	
3-cyclohexene-1- carboxaldehyde (HMPCC)			restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.2% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.2% in mouthwashes, breath sprays, and toothpastes, 0.02% in intimate wipes, and baby wipes, 0.2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.2% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient 3-[(4-amino-3- methyl-9,10- dioxo-9,10-dihydroanthracen-1- yl)amino]-N,N,N - trimethylpropan-1-aminium, methylsulfate salt	Alternative name	CAS 16517-75-2	EWG VERIFIED <sup>™</sup> Product Restrictions * (*) The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.0% in non-oxidative hair dye products. Additionally, the product cannot have a nitrosamine content of more than 50 microgram/kg and should be kept in nitrite-free containers.	Labels Must Bear These Warnings (*) The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: - you have a rash on your face or sensitive, irritated and damaged scalp, - you have ever experienced any reaction after colouring your hair, - you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of non-oxidative hair dyes: - 'Can cause allergic reactions.' Lastly, the European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.' - 'This product can cause severe
				mixing ratio; - 'For professional use only.'; - 'This product can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the
				age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be
3-Acetyl-6-methylpyran-2,4(3H) dione and its salts			(*) The European Commission restricts this ingredient to a maximum concentration of 0.6% (as acid)	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
3-AMINO-2,4- DICHLOROPHENOL	3-AMINO-2,4- DICHLOROPHEN OL	61693-42-3	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as hydrochloride) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% (as hydrochloride) in non-oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
3-AMINO-2,4- DICHLOROPHENOL	3-AMINO-2,4- DICHLOROPHEN OL	61693-42-3		
3-AMINO-2,4- DICHLOROPHENOL HCL	3-AMINO-2,4- DICHLOROPHEN OL HCL	61693-43-4	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as hydrochloride) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% (as hydrochloride) in non-oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
3-AMINO-2,4- DICHLOROPHENOL HCL	3-AMINO-2,4- DICHLOROPHEN OL HCL	61693-43-4	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as hydrochloride) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% (as hydrochloride) in non-oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
3-CARENE	3-CARENE	13466-78-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
3-CARENE	Carene	13466-78-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
3-ISOCYANATOMETHYL-3,5,5- TRIMETHYLCYCLOHEXYL ISOCYANATE	Isophorone Diisocyanate	4098-71-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
3-METHYL BUTYL ACETATE	Isoamyl acetate	123-92-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
3-METHYLAMINO-4- NITROPHENOXYETHANOL	3-METHYLAMINO- 4- NITROPHENOXYE THANOL	59820-63-2	The European Commission restricts this ingredient to a maximum concentration of 0.15% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
3-METHYLAMINO-4- NITROPHENOXYETHANOL	3-METHYLAMINO- 4- NITROPHENOXYE THANOL	59820-63-2	The European Commission restricts this ingredient to a maximum concentration of 0.15% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
3-METHYLAMINO-4- NITROPHENOXYETHANOL	3-METHYLAMINO- 4- NITROPHENOXYE THANOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.15%.	
3-METHYLNON-2-ENENITRILE	3-METHYLNON-2- ENENITRILE	53153-66-5	The European Commission restricts this ingredient to a maximum concentration of 0.2%.	
3-NITRO-P- HYDROXYETHYLAMINOPHEN OL	3-NITRO-P- HYDROXYETHYLA MINOPHENOL	65235-31-6	The European Commission restricts this ingredient to a maximum concentration of 3.0% when applied to hair in oxidative hair dye products, and 1.85% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
3-NITRO-P- HYDROXYETHYLAMINOPHEN OL	3-NITRO-P- HYDROXYETHYLA MINOPHENOL	65235-31-6	The European Commission restricts this ingredient to a maximum concentration of 3.0% when applied to hair in oxidative hair dye products, and 1.85% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
3-NITRO-P- HYDROXYETHYLAMINOPHEN OL	3-NITRO-P- HYDROXYETHYLA MINOPHENOL	65235-31-6	The European Commission restricts this ingredient to a maximum concentration of 3.0% when applied to hair in oxidative hair dye products, and 1.85% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
3-NITRO-P- HYDROXYETHYLAMINOPHEN OL	3-NITRO-P- HYDROXYETHYLA MINOPHENOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% in hair coloring products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIEIED™ Product Restrictions *	Labels Must Bear These Warnings
3-PHENYLBUTYRALDEHYDE	3-Phenylbutanal	16251-77-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
3,5-DIMETHYL-3- CYCLOHEXENE-1- CARBALDEHYDE	Dimethylcyclohex- 3-ene-1- carbaldehyde (mixed isomers)	68039-48-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient 3,5,6-TRIMETHYL-3- CYCLOHEXENE-1- CARBALDEHYDE	ISOCYCLOCITRAL	67634-07-5	EWG VERIFIED <sup>IM</sup> Product Restrictions * The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.3% in deodorants/antiperspirants, 1.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 3.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 5.1% in mouthwashes, breath sprays, and toothpastes, 0.5% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	Labels Must Bear These Warnings

3,6-DIMETHYL-3- CYCLOHEXENE-1- CARBALDEHYDEDimethylcyclohex- 3-ene-1- carbaldehyde (mixed isomers)67801-65-4 67801-65-4The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume) body	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
3,6-DIMETHYL-3- CYCLOHEXENE-1- CARBALDEHYDEDimethylcyclohex- 3-ene-1- carbaldehyde (mixed isomers)67801-65-4 restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume) body					1
CYCLOHEXENE-1- 3-ene-1- restricts this ingredient to a maximum   CARBALDEHYDE carbaldehyde concentration of 0.17% in lip products,   (mixed isomers) 0.22% in deodorants/antiperspirants,   0.89% in hydroalcoholic products applied to recently shaved skin, men's   facial creams and balms, eye products, and baby creams, lotions and oils, 2.7%   in hydroalcoholic products applied to unsbaved skin (e.g. perfume) body	3,6-DIMETHYL-3-	Dimethylcyclohex-	67801-65-4	The International Fragrance Association	
CARBALDEHYDE carbaldehyde concentration of 0.17% in lip products,   (mixed isomers) 0.22% in deodorants/antiperspirants,   0.89% in hydroalcoholic products applied to recently shaved skin, men's   facial creams and balms, eye products, and baby creams, lotions and oils, 2.7%   in hydroalcoholic products applied to unsbaved skin (e.g. perfume) body	CYCLOHEXENE-1-	3-ene-1-		restricts this ingredient to a maximum	
(mixed isomers) (mixed isomers) 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume) body	CARBALDEHYDE	carbaldehyde		concentration of 0.17% in lip products,	
0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume) body		(mixed isomers)		0.22% in deodorants/antiperspirants,	
applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume) body				0.89% in hydroalcoholic products	
facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume) body				applied to recently shaved skin, men's	
and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume) body				facial creams and balms, eye products,	
in hydroalcoholic products applied to				and baby creams, lotions and oils, 2.7%	
unshaved skin (e.g. perfume) body				in hydroalcoholic products applied to	
				unshaved skin (e.g. perfume), body	
sprays, hair styling aids and sprays,				sprays, hair styling aids and sprays,	
body creams, oils and lotions, and foot				body creams, oils and lotions, and foot	
care products, 1,4% in women's facial				care products. 1.4% in women's facial	
creams and makeup, hand creams.				creams and makeup, hand creams.	
facial masks, baby powder, wipes, hand				facial masks, baby powder, wipes, hand	
sanitizers, and dry shampoos, 4.3% in				sanitizers, and dry shampoos, 4.3% in	
mouthwashes breath sprays and				mouthwashes breath sprays and	
toothpastes 0.45% in intimate wines				toothoastes 0.45% in intimate wines	
and baby wines 2% in makeup				and haby wines 2% in makeup	
removers, pon-spray bair styling aids				removers non-spray bair styling aids	
nail products powdors and hair dyos				hail products powdors and hair dues	
and E <sup>9</sup> in both products (bar and liquid				and E <sup>(</sup> in both products (bor and liquid	
and 5% in bath products (bar and inquid				and 5% in bath products (bar and inquid	
soap, bath geis, body wasnes,				soap, bath gels, body wasnes,	
depilatories, facial cleansers, snampoos,				depilatories, facial cleansers, snampoos,	
conditioners, etc.).				conditioners, etc.).	
3H-1.2.4-TRIAZOLE-3-THIONE. 3-Amino-5- 16691-43-3 EWG does not allow this ingredient in	3H-1.2.4-TRIAZOLE-3-THIONE.	3-Amino-5-	16691-43-3	EWG does not allow this ingredient in	······································
12-DIHYDRO-5-AMINO- mercapto-124- powders or sprays because the	12-DIHYDRO-5-AMINO-	mercapto-124-		powders or sprays because the	
triazole Association of Occupational and	·, · · · · _ · · · · · · · · · · · ·	triazole		Association of Occupational and	
Environmental Clinics (AOEC) bas				Environmental Clinics (AOEC) has	
classified this substance as an				classified this substance as an	
asthmagen				asthmagen	
asumayen.			<u>.</u>		·
4-(2-BETA- 42BETAGLUCOPY The Japanese Ministry of Health, Labour	4-(2-BETA-	42BETAGLUCOPY		The Japanese Ministry of Health, Labour	
GLUCOPYRANOSILOXY) RANOSILOXYPRO and Welfare restricts this ingredient to	GLUCOPYRANOSILOXY)	RANOSILOXYPRO		and Welfare restricts this ingredient to	
PROPOXY-2- POXY2HYDROXY a maximum concentration of 5% in rinse	PROPOXY-2-	POXY2HYDROXY		a maximum concentration of 5% in rinse	
HYDROXYBENZOPHENONE BENZOPHENONE off products (not applied to mucosa).	HYDROXYBENZOPHENONE	BENZOPHENONE		off products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-(2-BETA- GLUCOPYRANOSILOXY) PROPOXY-2- HYDROXYBENZOPHENONE	42BETAGLUCOPY RANOSILOXYPRO POXY2HYDROXY BENZOPHENONE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
4-(2-BETA- GLUCOPYRANOSILOXY) PROPOXY-2- HYDROXYBENZOPHENONE	42BETAGLUCOPY RANOSILOXYPRO POXY2HYDROXY BENZOPHENONE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient 4-AMINO-2- HYDROXYTOLUENE	Alternative name 4-AMINO-2- HYDROXYTOLUE NE	CAS 2835-95-2	EWG VERIFIED <sup>™</sup> Product Restrictions * The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	Labels Must Bear These Warnings The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be
				coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient 4-AMINO-2- HYDROXYTOLUENE	Alternative name 4-AMINO-2- HYDROXYTOLUE NE	CAS 2835-95-2	EWG VERIFIED <sup>™</sup> Product Restrictions * The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	Labels Must Bear These Warnings The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be
				coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient 4-AMINO-2- HYDROXYTOLUENE	Alternative name 4-AMINO-2- HYDROXYTOLUE NE	CAS 2835-95-2	EWG VERIFIED <sup>™</sup> Product Restrictions * The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	Labels Must Bear These Warnings The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; -
				'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any
4-AMINO-2- HYDROXYTOLUENE	4-AMINO-2- HYDROXYTOLUE NE	2835-95-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-AMINO-3-NITROPHENOL	4-AMINO-3- NITROPHENOL	610-81-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair in oxidative hair dye products, and 1.0% in non-oxidative hair dye products.	The European Commission requires the following on the product label/package: - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
4-AMINO-3-NITROPHENOL	4-AMINO-3- NITROPHENOL	610-81-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair in oxidative hair dye products, and 1.0% in non-oxidative hair dye products.	The European Commission requires the following on the product label/package: - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-AMINO-3-NITROPHENOL	4-AMINO-3- NITROPHENOL	610-81-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair in oxidative hair dye products, and 1.0% in non-oxidative hair dye products.	The European Commission requires the following on the product label/package: - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
4-AMINO-3-NITROPHENOL	4-AMINO-3- NITROPHENOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9% in hair dyes.	

4-AMINO-M-CRESOL4-AMINO-M- CRESOL2835-99-6The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use inThe European Commission requires following on the product label/pact of oxidative hair dyes: - The mixing allergic reactions.'; - 'Read and following instructions.'; - 'This product is not age of 16.'; - 'Temporary 'black henry	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
products intended for coloring eyelashes.	4-AMINO-M-CRESOL	4-AMINO-M- CRESOL	2835-99-6	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-AMINO-M-CRESOL	4-AMINO-M- CRESOL	2835-99-6	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-AMINO-M-CRESOL	4-AMINO-M- CRESOL	2835-99-6	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any
4-AMINO-M-CRESOL	4-AMINO-M- CRESOL	2835-99-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7% in oxidative and non-oxidative hair dyes.	
4-CHLORO-5 METHYL-2-(1- METHYLETHYL)-PHENOL	CHLOROTHYMOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-CHLORO-5 METHYL-2-(1- METHYLETHYL)-PHENOL	CHLOROTHYMOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
4-CHLORORESORCINOL	4- CHLORORESORCI NOL	95-88-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'
4-CHLORORESORCINOL	4- CHLORORESORCI NOL	95-88-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in hair dyes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-ETHYLBENZALDEHYDE	p- Ethylbenzaldehyd e	4748-78-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.17% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.26% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.11% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
4-Hydroxybenzoic acid and its salts and esters, other than the esters of isopropyl, isobutyl, phenyl, benzyl and pentyl			(*) The European Commission restricts this ingredient to a maximum concentration of 0.4% (as acid) for a single ester and 0.8% (as acid) for a mixtures of esters	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-HYDROXYPROPYLAMINO-3- NITROPHENOL	4- HYDROXYPROPY LAMINO-3- NITROPHENOL	92952-81-3	The European Commission restricts this ingredient to a maximum concentration of 2.6% (calculated as free base) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.6% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
4-HYDROXYPROPYLAMINO-3- NITROPHENOL	4- HYDROXYPROPY LAMINO-3- NITROPHENOL	92952-81-3	The European Commission restricts this ingredient to a maximum concentration of 2.6% (calculated as free base) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.6% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-HYDROXYPROPYLAMINO-3- NITROPHENOL	4- HYDROXYPROPY LAMINO-3- NITROPHENOL	92952-81-3	The European Commission restricts this ingredient to a maximum concentration of 2.6% (calculated as free base) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.6% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
4-HYDROXYPROPYLAMINO-3- NITROPHENOL	4- HYDROXYPROPY LAMINO-3- NITROPHENOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2.6% in hair dyes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-METHYLBENZALDEHYDE	o,m,p- Tolualdehydes and their mixtures	104-87-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.17% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.26% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.11% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
4-NITRO-M- PHENYLENEDIAMINE 4-NITRO-O- PHENYLENEDIAMINE	4-NITRO-M- PHENYLENEDIAM INE 4-NITRO-O- PHENYLENEDIAM INE	99-56-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%. The European Commission restricts this ingredient to a maximum concentration of 0.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-NITROPHENYL AMINOETHYLUREA	4-NITROPHENYL AMINOETHYLURE A	27080-42-8	The European Commission restricts this ingredient to a maximum concentration of 0.25% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 0.5% in non- oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
4-NITROPHENYL AMINOETHYLUREA	4-NITROPHENYL AMINOETHYLURE A	27080-42-8	The European Commission restricts this ingredient to a maximum concentration of 0.25% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 0.5% in non- oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
4-tert- BUTYLDIHYDROCINNAMALDE HYDE	4-TERT- BUTYLDIHYDROCI NNAMALDEHYDE	18127-01-0	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
4-tert- BUTYLDIHYDROCINNAMALDE HYDE	p-tert- Butyldihydrocinna maldehyde (Bourgeonal)	18127-01-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.3% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.6% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
4,6,10-DODECATRIEN-3-ONE, 7,11-DIMETHYL-	711DIMETHYL4610 DODECATRIEN30 NE	26651-96-7	Health Canada restricts this ingredient to a maximum concentration of 2% (as an impurity in methylionones)	
5-AMINO-4-CHLORO-O- CRESOL	5-AMINO-4- CHLORO-O- CRESOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in oxidative and non-oxidative hair dyes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
5-AMINO-4-CHLORO-O- CRESOL HCL	5-AMINO-4- CHLORO-O- CRESOL HCL	110102-85-7	The European Commission restricts this ingredient to a maximum concentration of 1.5% (calculated as hydrochloride) when applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'
5-AMINO-6-CHLORO-O- CRESOL	5-AMINO-6- CHLORO-O- CRESOL	84540-50-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in oxidative and non-oxidative hair dyes.	
5-BROMO-5-NITRO-1,3- DIOXANE	5-bromo-5-nitro- 1,3-dioxane	30007-47-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%. Additionally, the CIR does not allow the use of this ingredient in cosmetic products under circumstances where its actions with amines or amides can result in the formation of nitrosamines or nitrosamides.	
5-BROMO-5-NITRO-1,3- DIOXANE	5BROMO5NITRO1 3DIOXANE	30007-47-7	Health Canada restricts this ingredient to a maximum concentration of 0.1%, and it cannot be used in formulations that contain amines or amides.	
5-BROMO-5-NITRO-1,3- DIOXANE	5-bromo-5-nitro- 1,3-dioxane	30007-47-7	(*) The European Commission restricts this ingredient to a maximum concentration of 0.10% in rinse-off products	
6-AMINO-M-CRESOL	6-AMINO-M- CRESOL	2835-98-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2.4% in oxidative and non-oxidative hair dyes.	
6-AMINO-O-CRESOL	6-AMINO-O- CRESOL	17672-22-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7% in oxidative hair dyes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
6-HYDROXYINDOLE	6-hydroxyindole		The European Commission restricts this ingredient to a maximum concentration of 0.5% in hair dye products after mixing under oxidative conditions." Warning: "The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions.'	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
6-METHOXY-2-METHYLAMINO- 3-AMINOPYRIDINE HCL	6-METHOXY-2- METHYLAMINO-3- AMINOPYRIDINE HCL	90817-34-8	The European Commission restricts this ingredient to a maximum concentration of 0.68% as free base (1.0% as dihydrochloride) applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes, and 0.68% as free base (1.0% as dihydrochloride) in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers. This ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of non-oxidative hair dyes: - 'Can cause allergic reactions.' Lastly, the European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'This product can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Temporary 'black henna' tattoos may increase your risk of allergy.', - 'Tempo
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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6-METHOXY-2-METHYLAMINO- 3-AMINOPYRIDINE HCL	6-METHOXY-2- METHYLAMINO-3- AMINOPYRIDINE HCL	90817-34-8	The European Commission restricts this ingredient to a maximum concentration of 0.68% as free base (1.0% as dihydrochloride) applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes, and 0.68% as free base (1.0% as dihydrochloride) in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers. This ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of non-oxidative hair dyes: - 'Can cause allergic reactions.' Lastly, the European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'This product can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
6-METHOXY-2-METHYLAMINO- 3-AMINOPYRIDINE HCL	6-METHOXY-2- METHYLAMINO-3- AMINOPYRIDINE HCL	90817-34-8	The European Commission restricts this ingredient to a maximum concentration of 0.68% as free base (1.0% as dihydrochloride) applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes, and 0.68% as free base (1.0% as dihydrochloride) in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers. This ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of non-oxidative hair dyes: - 'Can cause allergic reactions.' Lastly, the European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'This product can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna'
6-METHYL COUMARIN	6-METHYL COUMARIN	92-48-8	The European Commission restricts this ingredient to a maximum concentration of 0.003%.	
6-METHYL COUMARIN	6-METHYL COUMARIN	92-48-8	The European Commission restricts this ingredient to a maximum concentration of 0.003%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
65-85-0	Benzoic acid	65-85-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
65-85-0	Benzoic acid and its sodium salt		(*) The European Commission restricts this ingredient to a maximum concentration of 2.5% (as acid) in rinse- off products (except oral care products), 1.7% (as acid) in oral care products, and 0.5% (as acid) in leave-on products	
7- ETHYLBICYCLOOXAZOLIDINE	5-Ethyl-3,7-dioxa-1 azabicyclo[3.3.0] octane	7747-35-5	(*) The European Commission restricts this ingredient to a maximum concentration of 0.30%	
7H-FURO(3,2- G)(1)BENZOPYRAN-7-ONE	Furocoumarins	66-97-7	Health Canada restricts this ingredient to a maximum concentration of 1 mg/kg in sun tanning products.	
8-Hydroxyquinoline	8- Hydroxyquinoline	148-24-3	Health Canada restricts this ingredient to a maximum concentration of 0.3% as stabilizers for hydrogen peroxide in rinse-off hair-care preparations and 0.03% in leave-on hair products.	
8-HYDROXYQUINOLINE SULFATE	8- Hydroxyquinoline sulfate	134-31-6	The European Commission restricts this ingredient to a maximum concentration of 0.3% (as base) in hair rinse-off products and 0.03% (as base) in hair leave-on products, both as a stabilizer for hydrogen peroxide.	
8-HYDROXYQUINOLINE SULFATE	OXYQUINOLINE SULFATE		The Cosmetic Ingredient Review restricts the use of this ingredient to a stabilizer for hydrogen peroxide in rinse-off hair products.	
8-HYDROXYQUINOLINE SULFATE	8HYDROXYQUIN OLINESULFATE	134-31-6	Health Canada restricts this ingredient to a maximum concentration of 0.3% as stabilizers for hydrogen peroxide in rinse-off hair-care preparations and 0.03% in leave-on hair products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
80-54-6	LILIAL	80-54-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
80-54-6	LILIAL	80-54-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
80-54-6	p-tert-Butyl-α- methylhydrocinna mic aldehyde (BMHCA)	80-54-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.12% in lip products, 0.15% in deodorants/antiperspirants, 0.62% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.86% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.98% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.97% in mouthwashes, breath sprays, and toothpastes, 0.31% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ABIES (FIR) NEEDLE OIL	ABIES SIBIRICA (SIBERIAN FIR) OIL	8021-29-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES (FIR) NEEDLE OIL	ABIES PECTINATA EXTRACT	90028-76-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES (FIR) NEEDLE OIL	ABIES SIBIRICA NEEDLE EXTRACT	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES (FIR) NEEDLE OIL	ABIES SIBIRICA NEEDLE OIL	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES ALBA LEAF OIL	ABIES ALBA LEAF OIL	8021-27-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES ALBA LEAF OIL	ABIES ALBA LEAF OIL	8021-27-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES ALBA LEAF OIL	ABIES PECTINATA EXTRACT	90028-76-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ABIES ALBA LEAF OIL	ABIES PECTINATA EXTRACT	90028-76-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES ALBA LEAF OIL	ABIES PECTINATA OIL	8021-27-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM)	ABIES BALSAMEA (BALSAM)	8007-47-4	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM)	ABIES BALSAMEA (BALSAM)	8007-47-4	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM) EXTRACT	ABIES BALSAMEA (BALSAM)	8007-47-4	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM) EXTRACT	ABIES BALSAMEA (BALSAM) EXTRACT	85085-34-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM) EXTRACT	ABIES BALSAMEA (BALSAM) EXTRACT	85085-34-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ABIES BALSAMEA (BALSAM) EXTRACT	ABIES BALSAMEA (BALSAM) EXTRACT	85085-34-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM) EXTRACT	ABIES BALSAMEA (BALSAM) EXTRACT	85085-34-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM) EXTRACT	ABIES BALSAMEA (BALSAM) NEEDLE OIL	85085-34-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM) NEEDLE OIL	ABIES BALSAMEA (BALSAM) EXTRACT	85085-34-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES BALSAMEA (BALSAM) NEEDLE OIL	ABIES BALSAMEA (BALSAM) NEEDLE OIL	85085-34-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA BARK/LEAF EXTRACT	ABIES PECTINATA NEEDLE EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA BARK/LEAF EXTRACT	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ABIES PECTINATA BARK/LEAF EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA BARK/LEAF EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA BARK/LEAF EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA BARK/LEAF EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA BARK/LEAF EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA EXTRACT	ABIES PECTINATA EXTRACT	90028-76-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA EXTRACT	ABIES PECTINATA EXTRACT	90028-76-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ABIES PECTINATA EXTRACT	ABIES PECTINATA EXTRACT	90028-76-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
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ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE EXTRACT	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE OIL	ABIES PECTINATA NEEDLE EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE OIL	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ABIES PECTINATA NEEDLE OIL	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE OIL	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE OIL	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE OIL	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA NEEDLE OIL	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA OIL	ABIES PECTINATA OIL	8021-27-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA OIL	ABIES PECTINATA NEEDLE EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ABIES PECTINATA OIL	ABIES PECTINATA NEEDLE OIL	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES PECTINATA OIL	ABIES PECTINATA BARK/LEAF EXTRACT	92128-34-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA (SIBERIAN FIR) OIL	ABIES SIBIRICA (SIBERIAN FIR) OIL	8021-29-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA (SIBERIAN FIR) OIL	ABIES SIBIRICA NEEDLE EXTRACT	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA (SIBERIAN FIR) OIL	ABIES SIBIRICA NEEDLE OIL	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA NEEDLE EXTRACT	ABIES SIBIRICA NEEDLE EXTRACT	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA NEEDLE EXTRACT	ABIES SIBIRICA NEEDLE EXTRACT	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ABIES SIBIRICA NEEDLE EXTRACT	ABIES SIBIRICA NEEDLE EXTRACT	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA NEEDLE EXTRACT	ABIES SIBIRICA NEEDLE OIL	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA NEEDLE EXTRACT	ABIES SIBIRICA NEEDLE OIL	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA NEEDLE EXTRACT	ABIES SIBIRICA NEEDLE OIL	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA NEEDLE OIL	ABIES SIBIRICA NEEDLE EXTRACT	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA NEEDLE OIL	ABIES SIBIRICA NEEDLE OIL	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABIES SIBIRICA NEEDLE OIL	ABIES SIBIRICA NEEDLE OIL	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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ABIES SIBIRICA NEEDLE OIL	ABIES SIBIRICA NEEDLE OIL	91697-89-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
ABSORPTION OILS, BICYCLO AROM. AND HETEROCYCLIC HYDROCARBON FRACTION	Absorption oils, bicyclo arom. and heterocyclic hydrocarbon fraction	101316-45-4	The European Commission bans this ingredient from use in cosmetics if it contains over 0.005% w/w benzo[a]pyrene	
ACACIA CATECHU GUM	ACACIA CATECHU GUM		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA CONCINNA FRUIT EXTRACT	ACACIA CONCINNA FRUIT EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA DEALBATA LEAF EXTRACT	ACACIA DEALBATA LEAF EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA DEALBATA LEAF WAX			The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA DECURRENS EXTRACT	ACACIA DECURRENS EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	

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ACACIA FARNESIANA EXTRACT	ACACIA FARNESIANA FLOWER/STEM EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA FARNESIANA FLOWER WAX	ACACIA FARNESIANA FLOWER WAX		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA FARNESIANA FLOWER/STEM EXTRACT	ACACIA FARNESIANA FLOWER/STEM EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA FARNESIANA GUM	ACACIA FARNESIANA GUM		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA FARNESIANA GUM	Gum Acacia		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ACACIA FARNESIANA GUM	Gum Arabic	2591-76-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ACACIA SENEGAL EXTRACT	ACACIA SENEGAL EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ACACIA SENEGAL GUM	ACACIA SENEGAL GUM		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACACIA SENEGAL GUM	Gum Acacia		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ACACIA SENEGAL GUM	Gum Arabic	2591-76-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ACACIA SENEGAL GUM EXTRACT	ACACIA SENEGAL GUM EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.001%.	
ACACIA SENEGAL GUM EXTRACT	ACACIA SENEGAL GUM EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/Pesticide residue, arsenic, heavy metals, and lead.	
ACETAMIDE MEA	Acetamide MEA (amended)		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	

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ACETIC ACID	Glacial Acetic Acid	64-19-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
Acetic acid, anhydride, reaction products with 1,5,10-trimethyl- 1,5,9-cyclododecatriene	Acetic, anhydride, reaction products with 1,5,10- trimethyl-1,5,9- cyclododecatriene	144020-22-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.16% in lip products, 0.2% in deodorants/antiperspirants, 0.83% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.49% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.31% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 3.99% in mouthwashes, breath sprays, and toothpastes, 0.42% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ACETIC ACID, GLACIAL	Glacial Acetic Acid	64-19-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

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ACETYL GLUTAMINE	ACETYL GLUTAMINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1%.	
ACETYL HEPTAPEPTIDE-4	ACETYL HEPTAPEPTIDE-4		The Cosmetic Ingredient review has determined that a similar group of ingredients are safe as used up to a concentration of 0.002%.	
ACETYL METHIONINE	ACETYL METHIONINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.00001%.	
ACETYL TRIBUTYL CITRATE	Acetyl tributyl citrate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
ACETYL TRIETHYL CITRATE	ACETYL TRIETHYL CITRATE	77-89-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
ACETYL TYROSINE	ACETYL TYROSINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.3%. The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
ACETYL-CYSTEINE	ACETYL CYSTEINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.1%.	
ACETYLATED LANOLIN	ACETYLATED LANOLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
ACETYLATED LANOLIN ALCOHOL	ACETYLATED LANOLIN ALCOHOL	61788-49-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 16%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Acetylated Vetiver oil		117-98-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.07% in lip products, 0.08% in deodorants/antiperspirants, 0.35% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.04% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.55% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.67% in mouthwashes, breath sprays, and toothpastes, 0.17% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ACID BLUE 9ALUMINUM LAKE	ACID BLUE 9ALUMINUM LAKE	53026-57-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID ORANGE 24	D&C Brown No. 1		The U.S. Food and Drug Administration restricts the lead, arsenic, and mercury contents of this ingredient to maximum concentrations of 20 ppm, 3 ppm, and 1 ppm, respectively.	

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ACID ORANGE 3	ACID ORANGE 3	6373-74-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% in hair dyes.	
ACID RED 18 ALUMINUM LAKE	ACID RED 18 ALUMINUM LAKE	12227-64-4	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 195	Sodium 4-[(4,5- dihydro-3-methyl- 5-oxo-1-phenyl-1H- pyrazol-4-yl)azo]- 3- hydroxynaphthale ne-1-sulphonate	12220-24-5	(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
ACID RED 33	D&C Red 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	D&C Red 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	D&C Red 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	D&C RED 33 ALUMINUM LAKE	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	D&C RED 33 LAKE	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ACID RED 33	ACID RED 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	ACID RED 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	ACID RED 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	АКА227	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	АКА227	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	AKA227	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	CI 17200	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	CI 17200	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID RED 33	CI 17200	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	

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ACID YELLOW 23	D&C YELLOW 4	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID YELLOW 23	FD&C Yellow 5	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID YELLOW 23	TARTRAZINE	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID YELLOW 23	CI 19140	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACID YELLOW 23	KI4	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
ACRYLAMIDE COPOLYMER			The Cosmetic Ingredient Review has determined that this ingredient is safe as used at a concentration of 0.25% or less in leave-on products.	
ACRYLAMIDE/ AMMONIUM ACRYLATE COPOLYMER	ACRYLAMIDE/ AMMONIUM ACRYLATE COPOLYMER	26100-47-0	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER	ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER	25085-02-3	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	

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ACRYLAMIDE/ SODIUM ACRYLOYLDIMETHYLTAURATE COPOLYMER	ACRYLAMIDE/ SODIUM ACRYLOYLDIMET HYLTAURATE COPOLYMER	38193-60-1	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
ACRYLAMIDE/ SODIUM ACRYLOYLDIMETHYLTAURATE COPOLYMER	ACRYLAMIDE/SO DIUM ACRYLOYLDIMET HYLTAURATE COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3.2%	
ACRYLAMIDE/ETHALKONIUM CHLORIDE ACRYLATE COPOLYMER	ACRYLAMIDE/ET HALKONIUM CHLORIDE ACRYLATE COPOLYMER	74153-51-8	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
ACRYLAMIDE/ETHYLTRIMONIU M CHLORIDE ACRYLATE/ETHALKONIUM CHLORIDE ACRYLATE COPOLYMER	ACRYLAMIDE/ET HYLTRIMONIUM CHLORIDE ACRYLATE/ETHA LKONIUM CHLORIDE ACRYLATE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
ACRYLAMIDE/SODIUM ACRYLOYLDIMETHYLTAURATE /ACRYLIC ACID COPOLYMER	ACRYLAMIDE/SO DIUM ACRYLOYLDIMET HYLTAURATE/AC RYLIC ACID COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
ACRYLAMIDES COPOLYMER	ACRYLAMIDES COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ACRYLAMIDES/DMAPA ACRYLATES/METHOXY PEG METHACRYLATE COPOLYMER	ACRYLAMIDES/D MAPA ACRYLATES/MET HOXY PEG METHACRYLATE COPOLYMER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLAMIDES/DMAPA ACRYLATES/METHOXY PEG METHACRYLATE COPOLYMER	ACRYLAMIDES/D MAPA ACRYLATES/MET HOXY PEG METHACRYLATE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
ACRYLAMIDOPROPYLTRIMONI UM CHLORIDE/ ACRYLAMIDE COPOLYMER	ACRYLAMIDOPRO PYLTRIMONIUM CHLORIDE/ ACRYLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
ACRYLATES COPOLYMER			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 99%	
ACRYLATES CROSSPOLYMER	Acrylates Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 5%; The CIR does not allow the use of this ingredient in cosmetic products when polymerized in benzene.	
Acrylates Crosspolymer-3			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
Acrylates Crosspolymer-4			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ACRYLATES/ ACRYLAMIDE COPOLYMER	ACRYLATES/ ACRYLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
ACRYLATES/ AMINOACRYLATES/ C10-30 AKLYL PEG-20 ITACONATE COPOLYMER	Acrylates/ Aminoacrylates/ C10-30 Aklyl Peg- 20 Itaconate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLATES/ AMINOACRYLATES/ C10-30 ALKYL PEG-20 ITACONATE COPOLYMER	Acrylates/ Aminoacrylates/ C10-30 Alkyl Peg- 20 Itaconate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLATES/ C10-30 ALKYL ACRYLATE CROSSPOLYMER	Acrylates/C10-30 Alkyl Acrylate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%; The CIR does not allow the use of this ingredient in cosmetic products when polymerized in benzene.	
ACRYLATES/ CETETH-20 ITACONATE COPOLYMER	Acrylates/ Ceteth- 20 Itaconate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ACRYLATES/ PEG-10 MALEATES/ STYRENE COPOLYMER	Acrylates/ Peg-10 Maleates/ Styrene Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLATES/ STEARETH-20 ITACONATE COPOLYMER	Acrylates/ Steareth-20 Itaconate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLATES/ VINYL ISODECANOATE CROSSPOLYMER	Acrylates/Vinyl Isodecanoate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.4%; The CIR does not allow the use of this ingredient in cosmetic products when polymerized in benzene.	
ACRYLATES/CETETH-20 METHACRYLATE COPOLYMER	Acrylates/ceteth- 20 Methacrylate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLATES/DIMETHICONOL ACRYLATE COPOLYMER	ACRYLATES/DIME THICONOL ACRYLATE COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	Acrylates/Ethylhe xyl Acrylate Copolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 30%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ACRYLATES/LAURETH-25 METHACRYLATE COPOLYMER	Acrylates/laureth- 25 Methacrylate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLATES/METHOXY PEG-15 METHACRYLATE COPOLYMER	Acrylates/methox y Peg-15 Methacrylate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLATES/METHOXY PEG-23 METHACRYLATE/PERFLUORO OCTYL ETHYL ACRYLATE COPOLYMER	Acrylates/methox y Peg-23 Methacrylate/perfl uorooctyl Ethyl Acrylate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ACRYLATES/PEG-10 MALEATE/STYRENE COPOLYMER	Acrylates/PEG-10 Maleate/Styrene Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Acrylates/Steareth-20 Methacrylate Crosspolymer			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%; The CIR does not allow the use of this ingredient in cosmetic products when polymerized in benzene.	
ACRYLATES/VA CROSSPOLYMER	Acrylates/VA Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 25%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ACTINIDIA CHINENSIS (KIWI) SEED OIL	ACTINIDIA CHINENSIS (KIWI) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
ACTIVATED CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
ADANSONIA DIGITATA OIL	ADANSONIA DIGITATA OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.01%.	
ADEPS SUILLUS	LARD	61789-99-9	The Cosmetic Ingredient Review restricts the lead, arsenic, mercury, and total PCB/pesticide contents of this ingredient to maximum concentrations of 0.1 ppm, 3 ppm, 1 ppm, and 40 ppm (with 10 ppm for any specific residue), respectively.	
ADIPIC ACID	adipic acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.000001% in leave-on products and 18% in rinse-off products.	
ADIPIC ACID/ NEOPENTYL GLYCOL/ TRIMELLITIC ANHYDRIDE COPOLYMER	Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe in nail product formulations.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
АКА106	ACID RED 52	3520-42-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
АКА106	ACID RED 52	3520-42-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
АКА106	AKA106	3520-42-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
АКА106	AKA106	3520-42-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
АКА106	CI 45100	3520-42-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
АКА106	CI 45100	3520-42-1	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.5% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
АКА219	Calcium bis[3- hydroxy-4- (phenylazo)-2- naphthoate]		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
АКА225	1-(4- (Phenylazo)phenyl azo)-2-naphthol		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
АКА228	PIGMENT RED 4	2814-77-9	Health Canada restricts this ingredient to a maximum concentration of 3%.	
ALARIA ESCULENTA EXTRACT	ALARIA ESCULENTA EXTRACT		The Cosmetic Igredient Review has determined this ingredient to be safe as used up to a concentration of 0.5%.	
ALARIA ESCULENTA EXTRACT	ALARIA ESCULENTA EXTRACT		This substance should not contain detectable levels of cadmium, lead, mercury, copper, zinc, arsenic, nickel, silver, or iodine.	
ALCLOXA	ALUMINUMCHLO RHYDROXYALLA NTOINATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
Alcohol alkoxylates	Alcohol Alkoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylated (C12-14)	Alcohol Ethoxylated (c12- 14)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates	Alcohol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C10-12, 5- 7EO) branched	Alcohol Ethoxylates (c10- 12, 5-7eo) Branched		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C10-12, 8EO)	Alcohol Ethoxylates (c10- 12, 8eo)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C10-14)	Alcohol Ethoxylates (c10- 14)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C10-16, 9EO)	Alcohol Ethoxylates (c10- 16, 9eo)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C10-16)	Alcohol Ethoxylates (c10- 16)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES (C10- C16) SODIUM SALT	Sodium Magnesium Laureth-3,6 Sulfate	68585-34-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES (C10- C16) SODIUM SALT	Alcohol Ethoxylates (c10- C16) Sodium Salt		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C11-14-iso-, C13-rich)	Alcohol Ethoxylates (c11-14 Iso-, C13-Rich)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C11-15) secondary	Alcohol Ethoxylates (c11- 15) Secondary		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C12-13)	Alcohol Ethoxylates (c12- 13)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-14) 9EO	Alcohol Ethoxylates (c12- 14) 9eo		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-14) linear, saturated	Alcohol Ethoxylates (c12- 14) Linear, Saturated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-14) propoxylated	Alcohol Ethoxylates (c12- 14) Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-14) secondary	Alcohol Ethoxylates (c12- 14) Secondary		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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Alcohol ethoxylates (C12-15, 12- 20EO)	Alcohol ethoxylates (C12- 15, 12-20EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 12- 20EO)	Alcohol ethoxylates (C12- 15, 12-20EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 2- 6EO)	Alcohol ethoxylates (C12- 15, 2-6EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 20- 30EO)	Alcohol ethoxylates (C12- 15, 20-30EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 20- 30EO)	Alcohol ethoxylates (C12- 15, 20-30EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C12-15, 3- 12EO, branched)	Alcohol ethoxylates (C12- 15, 3-12EO, branched)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 3- 12EO, branched)	Alcohol ethoxylates (C12- 15, 3-12EO, branched)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 30+EO)	Alcohol ethoxylates (C12- 15, 30+EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 30+EO)	Alcohol ethoxylates (C12- 15, 30+EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 7EO)	Alcohol Ethoxylates (c12- 15, 7eo)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C12-15, 9- 12EO)	Alcohol ethoxylates (C12- 15, 9-12EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, 9- 12EO)	Alcohol ethoxylates (C12- 15, 9-12EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, avg 12-13, 6-9EO)	Alcohol ethoxylates (C12- 15, avg 12-13, 6- 9EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, avg 12-13, 6-9EO)	Alcohol ethoxylates (C12- 15, avg 12-13, 6- 9EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15, avg 15, 6-9EO)	Alcohol ethoxylates (C12- 15, avg 15, 6-9EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C12-15, avg 15, 6-9EO)	Alcohol ethoxylates (C12- 15, avg 15, 6-9EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-15)	Alcohol Ethoxylates (c12- 15)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-16, 7EO)	Alcohol Ethoxylates (c12- 16, 7eo)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES (C12- 16)	Alcohol Ethoxylates (c12- 16)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-18, O- 3EO)	Alcohol ethoxylates (C12- 18, 0-3EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C12-18, 10- 20EO)	Alcohol ethoxylates (C12- 18, 10-20EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-18, 5- 10EO)	Alcohol ethoxylates (C12- 18, 5-10EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12-18, 5- 10EO)	Alcohol ethoxylates (C12- 18, 5-10EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES (C12- 18)	Alcohol Ethoxylates (c12- 18)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-40	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C12)	LAURETH-38	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-30	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-25	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-20	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-16	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C12)	LAURETH-15	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-14	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-13	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-11	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C12)	LAURETH-23	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C12)	Alcohol Ethoxylates (c12)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C14-15)	Alcohol Ethoxylates (c14- 15)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C16-18, 2- 8EO)	Alcohol ethoxylates (C16- 18, 2-8EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C16-18, 2- 8EO)	Alcohol ethoxylates (C16- 18, 2-8EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C16-18, 20- 30EO)	Alcohol ethoxylates (C16- 18, 20-30EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C16-18, 20- 30EO)	Alcohol ethoxylates (C16- 18, 20-30EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES (C16- 18, 25EO)	Alcohol Ethoxylates (c16- 18, 25eo)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES (C16- 18, 25EO)	CETEARETH-12	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C16-18, 30+EO)	Alcohol ethoxylates (C16- 18, 30+EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C16-18, 30+EO)	Alcohol ethoxylates (C16- 18, 30+EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C16-18, 9- 18EO)	Alcohol ethoxylates (C16- 18, 9-18EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C16-18, 9- 18EO)	Alcohol ethoxylates (C16- 18, 9-18EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C4-C8, 5EO)	Alcohol Ethoxylates (c4- C8, 5eo)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES (C6- 12)	Alcohol Ethoxylates (c6- 12)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C7-21)	Alcohol Ethoxylates (c7- 21)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C8-10)	Alcohol Ethoxylates (c8- 10)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C8, 1-5EO)	Alcohol ethoxylates (C8, 1- 5EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C9-11, 3- 6EO)	Alcohol ethoxylates (C9-11, 3-6EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C9-11, 3- 6EO)	Alcohol ethoxylates (C9-11, 3-6EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C9-11, 4- 8EO)	C9-11 PARETH-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C9-11, 4- 8EO)	Alcohol Ethoxylates (c9-11, 4-8eo)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C9-11, 4- 8EO)	Alcohol Ethoxylates (c9-11)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C9-11, 5- 11EO, branched)	Alcohol ethoxylates (C9-11, 5-11EO, branched)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C9-11, 5- 11EO, branched)	Alcohol ethoxylates (C9-11, 5-11EO, branched)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates (C9-11, 6- 10EO)	Alcohol ethoxylates (C9-11, 6-10EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates (C9-11, 6- 10EO)	Alcohol ethoxylates (C9-11, 6-10EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol Ethoxylates Blend (C12- 18 & C12-16)	Alcohol Ethoxylates Blend (c12-18 & C12-16)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol Ethoxylates Blend (C12- 18 & C12-16) [based on the component: ALCOHOL ETHOXYLATES (C12-16)]	Alcohol Ethoxylates (c12- 16)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol Ethoxylates Blend (C12- 18 & C12-16) [based on the component: ALCOHOL ETHOXYLATES (C12-18)]	Alcohol Ethoxylates (c12- 18)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol Ethoxylates, Propoxylated (C10-16, 6-7EO, 0- 3PO)	Alcohol Ethoxylates, Propoxylated (C10- 16, 6-7EO, 0-3PO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates, propoxylated (C12-14)	Alcohol Ethoxylates, Propoxylated (c12- 14)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol Ethoxylates, Propoxylated (C12-15, 2-6EO, 2- 6PO)	Alcohol Ethoxylates, Propoxylated (C12- 15, 2-6EO, 2-6PO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol Ethoxylates, Propoxylated (C12-15, 2-6EO, 2- 6PO)	Alcohol Ethoxylates, Propoxylated (C12- 15, 2-6EO, 2-6PO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES, PROPOXYLATED (C12-15)	Alcohol Ethoxylates Propoxylated (c12- 15)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOL ETHOXYLATES, PROPOXYLATED (C12-15)	Alcohol Ethoxylates, Propoxylated (c12- 15)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alcohol ethoxylates, propoxylated (C12-15) branched and linear	Alcohol Ethoxylates, Propoxylated (c12- 15) Branched And Linear		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates, propoxylated (C6-10)	Alcohol Ethoxylates, Propoxylated (c6- 10)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates, propoxylated (C6-12)	Alcohol Ethoxylates, Propoxylated (c6- 12)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohol ethoxylates, propoxylated fumerated (C6- 10)	Alcohol Ethoxylates, Propoxylated Fumerated (c6-10)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohols, C12-15-branched and linear, ethoxylated	Alcohols, C12-15- branched and linear, ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALCOHOLS, C12-18, ETHOXYLATED PROPOXYLATED	Alcohols, C12-18, ethoxylated propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohols, C13-15 branched and linear, butoxylated ethoxylated	Alcohols, C13-15 Branched And Linear, Butoxylated Ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOLS, C16-18, ETHOXYLATED PROPOXYLATED	Alcohols, C16-18, ethoxylated propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alcohols, C16-22, ethoxylated	Alcohols, C16-22, ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALCOHOLS, C8-10, ETHOXYLATED PROPOXYLATED	Alcohols, C8-10, ethoxylated propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALEURITES MOLUCCANA (KUKUI) SEED OIL	ALEURITES MOLUCCANA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
ALKALIEARTHMETALSULFIDES			Health Canada restricts this ingredient to a maximum concentration of 6% (sulfur) in depilatory products.	
ALKALISULFIDES			Health Canada restricts this ingredient to a maximum concentration of 2% (sulfur) in depilatory products.	
ALKANES, C1-2	ALKANES, C1-2	68475-57-0	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
ALKANES, C1-4, C3-RICH	ALKANES, C1-4, C3 RICH	90622-55-2	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
ALKANES, C12-26-BRANCHED AND LINEAR	Alkanes, C12-26- branched and linear	90622-53-0	The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
ALKANES, C2-3	Alkanes, C2-3	68475-58-1	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
ALKANES, C3-4	Alkanes, C3-4	68475-59-2	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
ALKANES, C4-5	ALKANES, C4-5	68475-60-5	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
Alkyl (C12-C22) trimethyl ammonium bromide and chloride			(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	
Alkyl benzyl dimethyl ammonium chloride mixture	Benzalkonium Chloride	8001-54-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1% as the free active ingredient.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alkyl benzyl dimethyl ammonium chloride mixture	BENZALKONIUMC HLORIDE	8001-54-5	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
Alkyl Dimethyl benzyl ammonium chlorides (C12-16)	BENZALKONIUMC HLORIDE	68424-85-1	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
Alkyl dimethyl ethylbenzyl ammonium chlorides (C12-18)	BENZALKONIUMC HLORIDE	68391-01-5	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
Alkyl dimethyl ethylbenzyl ammonium chlorides (C12-18)	Benzalkonium Chloride	68391-01-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alkyl Ether Sulfates	Alkyl Ether Sulfates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alkyl Ether Sulfates (C12-15, 1- 3EO)	Alkyl Ether Sulfates (C12-15, 1- 3EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alkyl Ether Sulfates (C12-15, 1- 3EO)	Alkyl Ether Sulfates (C12-15, 1- 3EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alkyl Ether Sulfates (C16-18, 3- 4EO)	Alkyl Ether Sulfates (C16-18, 3- 4EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alkyl Ether Sulfates (C16-18, 3- 4EO)	Alkyl Ether Sulfates (C16-18, 3- 4EO)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALKYLDIAMINOETHYLGLYCINE HYDROCHLORIDE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10%.	
ALKYLISOQUINOLINIUMBROMI DE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in products meant to be applied to the mucosa.	
ALKYLISOQUINOLINIUMBROMI DE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in leave-on products (not applied to mucosa).	
Alkylphenol ethoxylates	ALKYLPHENOL ETHOXYLATES		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alkylphenol ethoxylates	ALKYLPHENOL ETHOXYLATES		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Alkylphenol ethoxylates	ALKYLPHENOL ETHOXYLATES		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALLANTOIN	Allantoin		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
ALLANTOIN ASCORBATE	ALLANTOIN ASCORBATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.05%.	
ALLSPICE OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
ALLSPICE OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALLSPICE OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ALLYL 2- METHYLBUTOXYACETATE	ALLYL 2- METHYLBUTOXYA CETATE	67634-01-9	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL 3,5,5- TRIMETHYLHEXANOATE	Allyl 3,5,5- trimethylhexanoat e	71500-37-3	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL BUTYRATE	ALLYL BUTYRATE	2051-78-7	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALLYL CAPROATE	ALLYL CAPROATE	123-68-2	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CINNAMATE	ALLYL CINNAMATE	1866-31-5	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CYCLOHEXYLACETATE	ALLYL CYCLOHEXYLACE TATE	4728-82-9	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CYCLOHEXYLOXYACETATE	ALLYL CYCLOHEXYLOXY ACETATE	68901-15-5	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL CYCLOHEXYLPROPIONATE	ALLYL CYCLOHEXYLPRO PIONATE	2705-87-5	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
Allyl esters			The International Fragrance Association restricts the level of free allylalcohol in the ester to a maximum concentration of less than 0.1%.	
ALLYL HEPTANOATE	ALLYL HEPTANOATE	142-19-8	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL HEPTINE CARBONATE	ALLYL HEPTINE CARBONATE	73157-43-4	The European Commission restricts this ingredient to a maximum concentration of 0.002% and cannot be used in combination with any other 2-alkynoic acid ester (e.g. methyl heptine carbonate).	
ALLYL ISOVALERATE	Allyl isovalerate	2835-39-4	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL METHACRYLATES CROSSPOLYMER	Allyl Methacrylates Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%; The CIR does not allow the use of this ingredient in cosmetic products when polymerized in benzene.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALLYL NONANOATE	ALLYL NONANOATE	7493-72-3	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL OCTANOATE	ALLYL OCTANOATE	4230-97-1	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL PHENETHYL ETHER	Allyl phenethyl ether	14289-65-7	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL PHENOXYACETATE	ALLYL PHENOXYACETAT E	7493-74-5	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALLYL PHENOXYACETATE	ALLYL PHENOXYACETAT E	7493-74-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.11% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.32% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.17% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.51% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.7% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ALLYL PHENOXYACETATE	ALLYL PHENOXYACETAT E	7493-74-5	The International Fragrance Association restricts the level of free allylalcohol in the ester to a maximum concentration of less than 0.1%.	
ALLYL PHENYLACETATE	ALLYL PHENYLACETATE	1797-74-6	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ALLYL PROPIONATE	ALLYL PROPIONATE	2408-20-0	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALLYL TRIMETHYLHEXANOATE	Allyl trimethylhexanoat e	68132-80-9	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	5
ALMOND OIL PEG-6 ESTERS	Almond Oil Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALMOND OIL PEG-8 ESTERS	Almond Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALMONDAMIDE DEA	ALMONDAMIDE DEA	124046-18-0	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
ALMONDAMIDE DEA	ALMONDAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
ALMONDAMIDE DEA	ALMONDAMIDE DEA	The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).
ALMONDAMIDOPROPYL BETAINE	ALMONDAMIDOP ROPYL BETAINE	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.
ALMONDAMIDOPROPYL DIMETHYLAMINE	Almondamidopro pyl dimethylamine	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.
ALOE ABORESCENS	ALOE INGREDIENTS	California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.
ALOE ANDONGENSIS EXTRACT	ALOE ANDONGENSIS EXTRACT	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALOE ANDONGENSIS EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE ANDONGENSIS LEAF EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE ANDONGENSIS LEAF JUICE	ALOE ANDONGENSIS LEAF JUICE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ANDONGENSIS LEAF JUICE	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE ARBORESCENS FLOWER EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE ARBORESCENS LEAF EXTRACT	ALOE BARBADENSIS FLOWER EXTRACT		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF EXTRACT	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALOE ARBORESCENS LEAF EXTRACT	ALOE BARBADENSIS LEAF EXTRACT		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF EXTRACT	ALOE BARBADENSIS LEAF JUICE		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF EXTRACT	ALOE BARBADENSIS LEAF POLYSACCHARID ES		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF EXTRACT	ALOE BARBADENSIS LEAF WATER		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF EXTRACT	ALOE ARBORESCENS LEAF EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALOE ARBORESCENS LEAF EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE ARBORESCENS LEAF JUICE	ALOE ARBORESCENS LEAF JUICE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF JUICE	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE ARBORESCENS LEAF PROTOPLASTS	ALOE ARBORESCENS LEAF PROTOPLASTS		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE ARBORESCENS LEAF PROTOPLASTS	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA)	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA)	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALOE BARBADENSIS (ALOE VERA) BUTTER	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) BUTTER	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) BUTTER [based on the component: ALOE BARBADENSIS (ALOE VERA) LEAF EXTRACT]	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) BUTTER [based on the component: ALOE BARBADENSIS (ALOE VERA) LEAF EXTRACT]	ALOE BARBADENSIS LEAF EXTRACT		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) BUTTER [based on the component: ALOE BARBADENSIS (ALOE VERA) LEAF EXTRACT]	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALOE BARBADENSIS (ALOE VERA) CELLULOSE	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) CELLULOSE	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) EXTRACT	ALOE BARBADENSIS LEAF EXTRACT		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) FLOWER EXTRACT	ALOE BARBADENSIS FLOWER EXTRACT		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) FLOWER EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALOE BARBADENSIS (ALOE VERA) LEAF EXTRACT	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) LEAF EXTRACT	ALOE BARBADENSIS LEAF EXTRACT		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) LEAF EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) LEAF JUICE	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) LEAF JUICE	ALOE BARBADENSIS LEAF JUICE		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALOE BARBADENSIS (ALOE VERA) LEAF JUICE	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) LEAF JUICE POWDER	ALOE BARBADENSIS LEAF JUICE		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) LEAF JUICE POWDER	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) OIL	ALOE BARBADENSIS LEAF JUICE		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) OIL	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) OIL EXTRACT	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALOE BARBADENSIS (ALOE VERA) OIL EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS (ALOE VERA) ROOT EXTRACT	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS (ALOE VERA) ROOT EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS LEAF POLYSACCHARIDES	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS LEAF POLYSACCHARIDES	ALOE BARBADENSIS LEAF POLYSACCHARID ES		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS LEAF POLYSACCHARIDES	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALOE BARBADENSIS LEAF POWDER	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS LEAF POWDER	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE BARBADENSIS LEAF WATER	ALOE BARBADENSIS LEAF WATER		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE BARBADENSIS LEAF WATER	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE EXTRACT, LIPID FRACTION	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE FEROX (CAPE ALOE) EXTRACT	ALOE FEROX LEAF EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE FEROX (CAPE ALOE) EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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ALOE FEROX (CAPE ALOE) LEAF EXTRACT	ALOE FEROX LEAF EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE FEROX (CAPE ALOE) LEAF EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE FEROX LEAF JUICE	ALOE FEROX LEAF JUICE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE FEROX LEAF JUICE	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE FEROX LEAF JUICE EXTRACT	ALOE FEROX LEAF JUICE EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE FEROX LEAF JUICE EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE FEROX LEAF JUICE POWDER	ALOE FEROX LEAF EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
ALOE FEROX LEAF JUICE POWDER	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Aloe Maculata Leaf Extract	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
Aloe Maculata Leaf Extract	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE PERRYI EXTRACT	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE YOHJU MATSU EKISU	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE YOHJYU MATSU	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALOE, POWDERED	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
ALPHA HYDROXY ACIDS	ALPHA HYDROXY ACIDS		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Alpha hydroxy acids	ALPHA HYDROXY ACIDS		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
ALPHA HYDROXY ACIDS	ALPHAHYDROXY ACIDS		Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
alpha-1-(2,6,6-Trimethyl-2- cyclohexen-1-yl)-2-buten-1-one	Rose ketones	43052-87-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ALPHA-DAMASCONE	ALPHA- DAMASCONE	23726-94-5	The European Commission restricts this ingredient to a maximum concentration of 0.02% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALPHA-DAMASCONE	Rose ketones	23726-94-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ALPHA-ISOMETHYL IONONE	alpha-ISOMETHYL IONONE	127-51-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALPHA-ISOMETHYL IONONE	alpha-ISOMETHYL IONONE	127-51-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
ALPHA-ISOMETHYL IONONE	Methyl ionone, mixed isomers	127-51-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 2% in lip products, 2.59% in deodorants/antiperspirants, 10.56% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 31.67% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 16.67% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 50.72% in mouthwashes, breath sprays, and toothpastes, 5.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
alpha-METHYL-alpha-IONONE	Methyl ionone, mixed isomers	127-42-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 2% in lip products, 2.59% in deodorants/antiperspirants, 10.56% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 31.67% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 16.67% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 50.72% in mouthwashes, breath sprays, and toothpastes, 5.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
alpha-METHYL-beta-IONONE	Methyl ionone, mixed isomers	127-43-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 2% in lip products, 2.59% in deodorants/antiperspirants, 10.56% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 31.67% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 16.67% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 50.72% in mouthwashes, breath sprays, and toothpastes, 5.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
alpha-PINENES	ALPHA-PINENES	80-56-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L	
alpha-TERPINENE	ALPHA- TERPINENE	99-86-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALPHAHYDROXYANDBOTANIC ALCOMPLEX			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
ALPHAHYDROXYCAPRYLICACI D			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALPHAHYDROXYETHANOICAC IDAMMONIUMALPHAHYDROX YETHANOATE			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
ALPHAHYDROXYOCTANOICAC			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
ALUMINA MAGNESIUM METASILICATE	ALUMINA MAGNESIUM METASILICATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.01%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM CALCIUM SODIUM SILICATE	ALUMINUM CALCIUM SODIUM SILICATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
ALUMINUM CALCIUM SODIUM SILICATE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
ALUMINUM CHLORIDE	ALUMINUMCHLO RIDE		Health Canada restricts this ingredient to a maximum concentration of 15% calculated as aluminum chloride hexahydrate. Additionally, deodorant and antiperspirant cosmetics containing aluminum chloride are not permitted in aerosol dispensers, must be in the form of an aqueous solution, and cannot be combined with aluminum chlorohydrate or its associated complexes or aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
ALUMINUM CHLOROHYDRATE	ALUMINUMCHLO ROHYDRATE		Health Canada restricts this ingredient to a maximum concentration of 25% (calculated as the anhydrous form). Additionally, it cannot be combined with aluminum chloride, other aluminum chlorohydrate complexes or aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'. Additionally, if the product comes as an aerosol the following must also be labeled: - 'Keep away from face to avoid inhalation and spraying in the eyes'; - 'Keep out of reach of children'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM CHLOROHYDREX PEG	Aluminum Chlorohydrex Peg	173762-81-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALUMINUM DICHLOROHYDREX PEG	Aluminum Dichlorohydrex Peg	173720-80-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALUMINUM DIMYRISTATE	ALUMINUM DIMYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
ALUMINUM DISTEARATE	ALUMINUM DISTEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
ALUMINUM FLUORIDE	ALUMINUM FLUORIDE	7784-18-1	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains aluminium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM FLUORIDE	ALUMINUM FLUORIDE	7784-18-1	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains aluminium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
ALUMINUM FLUORIDE	ALUMINUM FLUORIDE	7784-18-1	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains aluminium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
ALUMINUM MYRISTATES			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
ALUMINUM MYRISTATES/PALMITATES	ALUMINUM MYRISTATES- PALMITATES		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM SESQUICHLOROHYDREX PEG	Aluminum Sesquichlorohydre x Peg		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALUMINUM SILICATE	ALUMINUM SILICATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3% (up to 37% in dentifrices).	
ALUMINUM STEARATE	ALUMINUM STEARATE	637-12-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	
ALUMINUM TRISTEARATE	ALUMINUM TRISTEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
ALUMINUM ZIRCONIUM OCTACHLOROHYDRATE	ALUMINUM ZIRCONIUM OCTACHLOROHY DRATE	98106-55-9	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM ZIRCONIUM OCTACHLOROHYDRATE	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
ALUMINUM ZIRCONIUM OCTACHLOROHYDREX GLY	ALUMINUM ZIRCONIUM OCTACHLOROHY DREX GLY	174514-58-0	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (AI+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'
ALUMINUM ZIRCONIUM OCTACHLOROHYDREX GLY	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM ZIRCONIUM PENTACHLOROHYDRATE	ALUMINUM ZIRCONIUM PENTACHLOROH YDRATE	173762-83-9	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'
ALUMINUM ZIRCONIUM PENTACHLOROHYDRATE	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
ALUMINUM ZIRCONIUM PENTACHLOROHYDREX GLY	ALUMINUM ZIRCONIUM PENTACHLOROH YDREX GLY	125913-22-6	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM ZIRCONIUM PENTACHLOROHYDREX GLY	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
ALUMINUM ZIRCONIUM TETRACHLOROHYDRATE	ALUMINUM ZIRCONIUM TETRACHLOROHY DRATE	57158-29-9	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'
ALUMINUM ZIRCONIUM TETRACHLOROHYDRATE	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX GLYCINE COMPLEX	ALUMINUM ZIRCONIUM TETRACHLOROHY DREX GLYCINE COMPLEX	90604-80-1	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX GLYCINE COMPLEX	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX GLYCINE COMPLEX, ANHYDROUS	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX PEG	ALUMINUM ZIRCONIUM TETRACHLOROHY DREX PEG		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX PEG	ALUMINUM ZIRCONIUM TETRACHLOROHY DREX PEG	246867-10-7	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX PEG	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX PG	ALUMINUM ZIRCONIUM TETRACHLOROHY DREX PG	235433-35-9	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'
ALUMINUM ZIRCONIUM TETRACHLOROHYDREX PG	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM ZIRCONIUM TRICHLOROHYDRATE	ALUMINUM ZIRCONIUM TRICHLOROHYDR ATE	98106-53-7	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'
ALUMINUM ZIRCONIUM TRICHLOROHYDRATE	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
ALUMINUM ZIRCONIUM TRICHLOROHYDREX GLY	ALUMINUM ZIRCONIUM TRICHLOROHYDR EX GLY	134375-99-8	The European Commission restricts this ingredient to a maximum concentration of 20% as anhydrous aluminium zirconium chloride hydroxide and 5.4% as zirconium. Additionally, the ratio of the number of aluminium atoms to that of zirconium atoms must be between 2 and 10, the ratio of the number of (Al+Zr) atoms to that of chlorine atoms must be between 0.9 and 2.1, and the substance cannot be used in aerosols dispensers (sprays).	The European Commission requires the following warning text on the product label/package: - 'Do not apply to irritated or damaged skin'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ALUMINUM ZIRCONIUM TRICHLOROHYDREX GLY	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
AMIDES, C12-14, N,N- BIS(HYDROXYETHYL)-	LAURAMIDE/MYRI STAMIDE DEA	97926-10-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMIDES, C12-14, N,N- BIS(HYDROXYETHYL)-	AMIDES, C12-14, N,N- BIS(HYDROXYETH YL)-	97926-10-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
Amine Oxides (Lauramine & Myristamine Oxides) [based on the component: LAURAMINE OXIDE]	LAURAMINE OXIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3.7% in leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMINES, C12-14-TERT-ALKYL, ETHOXYLATED	Amines, C12-14- tert-alkyl, ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Amines, C12-14-tert-alkyl, ethoxylated propoxylated	Amines, C12-14- tert-alkyl, ethoxylated propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMINES, TALLOW ALKYL, ETHOXYLATED	Amines, tallow alkyl, ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMINOETHERTYPEANTIHISTA MINES			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products not meant to be applied to the head and face.	
AMINOETHERTYPEANTIHISTA MINES			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in products meant to be applied to the head and face.	
AMINOETHYLPROPANEDIOL- ACRYLATES/ACRYLAMI DE COPOLYMER	AMINOETHYLPRO PANEDIOL- ACRYLATES/ACR YLAMI DE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMINOMETHYL PROPANEDIOL	AMINOMETHYL PROPANEDIOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
AMINOMETHYL PROPANOL	AMINOMETHYL PROPANOL	124-68-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMINOMETHYL PROPANOL	AMINOMETHYL PROPANOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
AMMONIA GAS	Ammonia	7664-41-7	The European Commission restricts this ingredient to a maximum concentration of 6% (as NH3).	The European Commission requires the following warning text on the product label/package if the ingredient is above 2%: - 'Contains ammonia'
AMMONIA GAS	Ammonia	7664-41-7	The European Commission restricts this ingredient to a maximum concentration of 6% (as NH3).	The European Commission requires the following warning text on the product label/package if the ingredient is above 2%: - 'Contains ammonia'
AMMONIA GAS	Ammonia Gas	7664-41-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM ACRYLOYLDIMETHYL TAURATE/ VP COPOLYMER	Ammonium Acryloyldimethylt aurate/VP Copolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
AMMONIUM ACRYLOYLDIMETHYLTAURATE /BEHENETH-25 METHACRYLATE CROSSPOLYMER	Ammonium Acryloyldimethylt aurate/Beheneth- 25 Methacrylate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
AMMONIUM ACRYLOYLDIMETHYLTAURATE /LAURETH-7 METHACRYLATE COPOLYMER	Ammonium Acryloyldimethylt aurate/laureth-7 Methacrylate Copolymer	683748-07-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM ACRYLOYLDIMETHYLTAURATE /STEARETH-25 METHACRYLATE CROSSPOLYMER	Ammonium Acryloyldimethylt aurate/Steareth-25 Methacrylate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1%	
Ammonium Acryloyldimethyltaurate/Steare th-8 Methacrylate Copolymer			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.65%	
AMMONIUM ALKYL SULFATE (C10-C16) [based on the component: AMMONIUM LAURYL SULFATE]	AMMONIUM LAURYL SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM BISULFITE	AMMONIUM BISULFITE	10192-30-0	The European Commission restricts this ingredient to a maximum concentration of 0.67% (as free SO2) in oxidative hair dyes, 6.7% (as free SO2) in hair straightening products, 0.45% (as free SO2) in self-tanning face products, and 0.40% (as free SO2) in other self- tanning products. For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	
AMMONIUM C12-15 ALKYL SULFATE [based on the component: AMMONIUM LAURYL SULFATE]	AMMONIUM LAURYL SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in leave-on products.	
AMMONIUM COCOYL ISETHIONATE	Ammonium Cocoyl Isethionate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 45%.	
AMMONIUM COCOYL SARCOSINATE	AMMONIUM COCOYL SARCOSINATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, it cannot be used in products where N- nitroso compounds may be formed.	
AMMONIUM DIMETHICONE PEG-7 SULFATE	Ammonium Dimethicone Peg- 7 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM FLUORIDE	ammonium fluoride	12125-01-8	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
AMMONIUM FLUORIDE	ammonium fluoride	12125-01-8	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM FLUORIDE	ammonium fluoride	12125-01-8	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
AMMONIUM FLUOROSILICATE	AMMONIUM FLUOROSILICATE	16919-19-0	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM FLUOROSILICATE	AMMONIUM FLUOROSILICATE	16919-19-0	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
AMMONIUM FLUOROSILICATE	AMMONIUM FLUOROSILICATE	16919-19-0	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
AMMONIUM GLYCOLATE	AMMONIUM GLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM GLYCYRRHIZATE	AMMONIUM GLYCYRRHIZATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, toxic metals and heavy metals.	
AMMONIUM HYDROXIDE	AMMONIUM HYDROXIDE	1336-21-6	The European Commission restricts this ingredient to a maximum concentration of 6% (as NH3).	The European Commission requires the following warning text on the product label/package if the ingredient is above 2%: - 'Contains ammonia'
AMMONIUM HYDROXIDE	Ammonia Solution, NOS	1336-21-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
AMMONIUM HYDROXIDE	AMMONIUM HYDROXIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used in hair dyes and colors and in cosmetics when formulated to be non- irritating	
AMMONIUM LACTATE	AMMONIUM LACTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM LAURETH SULFATE	Ammonium Laureth-9 Sulfate	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAURETH SULFATE	Ammonium Laureth-7 Sulfate	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAURETH SULFATE	Ammonium Laureth-5 Sulfate	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAURETH SULFATE	Ammonium Laureth-12 Sulfate	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAURETH SULFATE	AMMONIUM LAURETH SULFATE	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM LAURETH-12 SULFATE	Ammonium Laureth-12 Sulfate	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAURETH-5 SULFATE	Ammonium Laureth-5 Sulfate	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAURETH-6 CARBOXYLATE	Ammonium Laureth-6 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAURETH-7 SULFATE	Ammonium Laureth-7 Sulfate	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAURETH-8 CARBOXYLATE	Ammonium Laureth-8 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM LAURETH-9 SULFATE	Ammonium Laureth-9 Sulfate	32612-48-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM LAUROYL SARCONSINATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products.	
AMMONIUM LAURYL SULFATE	AMMONIUM LAURYL SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in leave-on products.	
AMMONIUM MONOFLUOROPHOSPHATE	AMMONIUM MONOFLUOROP HOSPHATE	66115-19-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM MONOFLUOROPHOSPHATE	AMMONIUM MONOFLUOROP HOSPHATE	66115-19-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
AMMONIUM MONOFLUOROPHOSPHATE	AMMONIUM MONOFLUOROP HOSPHATE	66115-19-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains ammonium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
AMMONIUM NONOXYNOL-30 SULFATE	Ammonium Nonoxynol-30 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM NONOXYNOL-4- SULFATE	Ammonium Nonoxynol-4- Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM PERSULFATE	AMMONIUM PERSULFATE	7727-54-0	The Cosmetic Ingredient Review restricts the use of this ingredient to products meant for brief discontinuous use followed by thorough rinsing.	
AMMONIUM POLYACRYLOYLDIMETHYL TAURATE	Ammonium Polyacryloyldimet hyl Taurate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
AMMONIUM STEARATE	AMMONIUM STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
AMMONIUM SULFITE	AMMONIUM SULFITE	10196-04-0	The European Commission restricts this ingredient to a maximum concentration of 0.67% (as free SO2) in oxidative hair dyes, 6.7% (as free SO2) in hair straightening products, 0.45% (as free SO2) in self-tanning face products, and 0.40% (as free SO2) in other self- tanning products. For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMMONIUM THIOGLYCOLATE	AMMONIUM THIOGLYCOLATE	5421-46-5	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'
AMMONIUM THIOGLYCOLATE	AMMONIUM THIOGLYCOLATE	5421-46-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors.	
AMMONIUM XYLENE- SULFONATE	AMMONIUM XYLENESULFONA TE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
AMMONIUM, ((METHYLIMINO)DIETHYLENE) BIS(ETHYLDIMETHYL-, DIBROMIDE	AMMONIUM, ((METHYLIMINO)D IETHYLENE)BIS(E THYLDIMETHYL-, DIBROMIDE	306-53-6		
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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Ammonium, (4-(alpha-(p- (diethylamino)phenyl)-2,4- disulfobenzylidene)-2,5- cyclohexadien-1-ylidene)diethyl , hydroxide, monosodium salt			(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
AMMONIUM, DIETHYLMETHYL(2-(4-(2- NONOXYBENZAMIDO)BENZO YLOXY)ETHYL)-, BROMIDE	Ammonium, Diethylmethyl(2- (4-(2- Nonoxybenzamido )benzoyloxy)ethyl) , Bromide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMMONIUM, DIETHYLMETHYL(2-(4-(2- NONOXYBENZAMIDO)BENZO YLOXY)ETHYL)-, IODIDE	Ammonium, Diethylmethyl(2- (4-(2- Nonoxybenzamido )benzoyloxy)ethyl) , lodide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AMNIOTIC FLUID	Amniotic Fluid		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	
AMODIMETHICONE	AMODIMETHICON E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMP ISOSTEAROYL HYDROLYZED ANIMAL PROTEIN		95032-84-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP ISOSTEAROYL HYDROLYZED SOY PROTEIN	AMP ISOSTEAROYL HYDROLYZED SOY PROTEIN	156715-45-6	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP ISOSTEAROYL HYDROLYZED WHEAT PROTEIN	AMP ISOSTEAROYL HYDROLYZED WHEAT PROTEIN	222400-35-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMP-ACRYLATES COPOLYMER	AMP-ACRYLATES COPOLYMER		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP-ACRYLATES/ALLYL METHACRYLATE COPOLYMER	AMP- ACRYLATES/ALLY L METHACRYLATE COPOLYMER		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP-ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE/HYDROXYETHYL ACRYLATE COPOLYMER	AMP- ACRYLATES/C1-18 ALKYL ACRYLATE/C1-8 ALKYL ACRYLAMIDE/HY DROXYETHYLACR YLATE COPOLYMER		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMP- ACRYLATES/DIACETONEACRY LAMIDE COPOLYMER	AMP- ACRYLATES/DIAC ETONEACRYLAMI DE COPOLYMER		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP- ACRYLATES/DIMETHYLAMINO ETHYLMETHACR YLATE COPOLYMER	AMP- ACRYLATES/DIME THYLAMINOETHY LMETHACR YLATE COPOLYMER		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP- ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	AMP- ACRYLATES/ETHY LHEXYL ACRYLATE COPOLYMER		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMP-ISOSTEAROYL GELATIN/KERATIN AMINO ACIDS/LYSINE HYDROXYPROPYLTRIMONIUM CHLORIDE	AMP- ISOSTEAROYL GELATIN/KERATI N AMINO ACIDS/LYSINE HYDROXYPROPY LTRIMONIUM CHLORIDE	156715-41-2	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP-ISOSTEAROYL HYDROLYZED ELASTIN	AMP- ISOSTEAROYL HYDROLYZED ELASTIN		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP-ISOSTEAROYL HYDROLYZED KERATIN	AMP- ISOSTEAROYL HYDROLYZED KERATIN		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMP-ISOSTEAROYL HYDROLYZED SILK	AMP- ISOSTEAROYL HYDROLYZED SILK		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMP-ISOSTEAROYL WHEAT/CORN/SOY AMINO ACIDS	AMP- ISOSTEAROYL WHEAT/CORN/S OY AMINO ACIDS		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AMYL ACETATE	AMYL ACETATE	628-63-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
AMYL CINNAMYL ALCOHOL	AMYL CINNAMYL ALCOHOL	101-85-9		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMYL CINNAMYL ALCOHOL	AMYL CINNAMYL ALCOHOL	101-85-9		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
AMYL CINNAMYL ALCOHOL	α-Amyl cinnamic alcohol	101-85-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.1% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.5% in mouthwashes, breath sprays, and toothpastes, 0.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
AMYLCINNAMALDEHYDE	AMYLCINNAMALD EHYDE	122-40-7		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMYLCINNAMALDEHYDE	AMYLCINNAMALD EHYDE	122-40-7		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
AMYLCINNAMALDEHYDE	α-Amyl cinnamic aldehyde	122-40-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in lip products, 0.9% in deodorants/antiperspirants, 3.6% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 10.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 5.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 17.1% in mouthwashes, breath sprays, and toothpastes, 1.8% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
AMYLCYCLOPENTENONE	AMYLCYCLOPENT ENONE	25564-22-1	The European Commission restricts this ingredient to a maximum concentration of 0.10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AMYLVINYLCARBINYL ACETATE	AMYLVINYLCARBI NYL ACETATE		The European Commission restricts this ingredient to a maximum concentration of 0.3% in non-oral products.	
AMYLVINYLCARBINYL ACETATE	1-OCTEN-3-YL ACETATE	2442-10-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.1% in deodorants/antiperspirants, 0.3% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.3% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.5% in mouthwashes, breath sprays, and toothpastes, 0.3% in intimate wipes, and baby wipes, 0.3% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.3% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ANACARDIUM OCCIDENTALE (CASHEW) SEED OIL	ANACARDIUM OCCIDENTALE (CASHEW) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ANATASE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
ANCIENT SEA CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
ANGELICA ROOT OIL	Angelica root oil	8015-64-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in leave-on products	
ANIBA ROSAEODORA (ROSEWOOD) [based on the component: LINALOOL]	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
ANIBA ROSAEODORA (ROSEWOOD) [based on the component: LINALOOL]	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
ANIBA ROSAEODORA (ROSEWOOD) [based on the component: LINALOOL]	Linalool; d- Linalool; I-Linalool	78-70-6	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ANIBA ROSAEODORA (ROSEWOOD) OIL [based on the component: LINALOOL]	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
ANIBA ROSAEODORA (ROSEWOOD) OIL [based on the component: LINALOOL]	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
ANIBA ROSAEODORA (ROSEWOOD) OIL [based on the component: LINALOOL]	Linalool; d- Linalool; l-Linalool	78-70-6	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
ANISE ALCOHOL	ANISE ALCOHOL	105-13-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
ANISE ALCOHOL	ANISE ALCOHOL	105-13-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
ANISE ALCOHOL	Anisyl alcohol	105-13-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.06% in deodorants/antiperspirants, 0.23% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.68% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.36% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.09% in mouthwashes, breath sprays, and toothpastes, 0.11% in intimate wipes, and baby wipes, 1.52% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
			and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient ANISE ALCOHOL	Alternative name Anisyl alcohol	CAS 1331-81-3	EWG VERIFIED <sup>™</sup> Product Restrictions * The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.06% in deodorants/antiperspirants, 0.23% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.68% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.36% in women's facial creams and makeup, hand creams, facial masks, baby	Labels Must Bear These Warnings
			powder, wipes, hand sanitizers, and dry shampoos, 1.09% in mouthwashes, breath sprays, and toothpastes, 0.11% in intimate wipes, and baby wipes, 1.52% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ANISIC ALDEHYDE	P- METHOXYBENZA LDEHYDE	123-11-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.13% in deodorants/antiperspirants, 0.54% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.61% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.84% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.53% in mouthwashes, breath sprays, and toothpastes, 0.27% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Anisyl alcohol (o-,m-,p-)	Anisyl alcohol	1331-81-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.06% in deodorants/antiperspirants, 0.23% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.68% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.36% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.09% in mouthwashes, breath sprays, and toothpastes, 0.11% in intimate wipes, and baby wipes, 1.52% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ANTHEMIS NOBILIS (CHAMOMILE) EXTRACT	Anthemis nobilis flower extract		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.1%	
ANTHEMIS NOBILIS (CHAMOMILE) FLOWER EXTRACT	Anthemis nobilis flower extract		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.1%	
ANTHEMIS NOBILIS (CHAMOMILE) FLOWER OIL	Anthemis nobilis flower oil		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
ANTHEMIS NOBILIS (CHAMOMILE) WATER	Anthemis nobilis flower water		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 10% Page 194 of 1633	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
A0205	ACID BLUE 9AMMONIUM SALT	2650-18-2	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
AO205	AO1	2650-18-2	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
AO205	AO205	2650-18-2	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
AO205	Blue 4	2650-18-2	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
AO205	CI 42090	2650-18-2	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
APRICOT KERNEL OIL PEG-40 ESTERS	Apricot Kernel Oil Peg-40 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
APRICOT KERNEL OIL PEG-6 ESTERS	Apricot Kernel Oil Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
APRICOT KERNEL OIL PEG-8 ESTERS	Apricot Kernel Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
APRICOTAMIDE DEA	APRICOTAMIDE DEA	185123-36-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
APRICOTAMIDE DEA	APRICOTAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
APRICOTAMIDE DEA	APRICOTAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
APRICOTAMIDOPROPYL BETAINE	apricotamidoprop yl betaine	133934-08-4	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
ARACHIDYL PROPIONATE	ARACHIDYL PROPIONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
ARACHIS HYPOGAEA (PEANUT) OIL	PEANUT (ARACHIS HYPOGAEA) OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
ARGAN OIL PEG-8 ESTERS	Argan Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ARGANIA SPINOSA (ARGAN) KERNEL OIL	ARGANIA SPINOSA KERNEL OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Artemisia Dracunculus (Tarragon) Oil [based on the component: ESTRAGOLE]	Estragole	140-67-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in fine fragrance and eau de toilette, 0.01% in other leave- on and rinse-off products, and 0.2% in non-skin incidental skin contact products.	
Artemisia Dracunculus (Tarragon) Oil [based on the component: ESTRAGOLE]	Estragole	140-67-0	California Prop65 lists this chemical as known to cause cance; therefore, this chemical is not allowed as a direct addition to a product and cannot make up more than 50% of any listed ingredient.	
ARTEMISIA DRACUNCULUS (TARRAGON) ROOT EXTRACT [based on the component: ESTRAGOLE]	Estragole	140-67-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in fine fragrance and eau de toilette, 0.01% in other leave- on and rinse-off products, and 0.2% in non-skin incidental skin contact products.	
ARTEMISIA DRACUNCULUS (TARRAGON) ROOT EXTRACT [based on the component: ESTRAGOLE]	Estragole	140-67-0	California Prop65 lists this chemical as known to cause cance; therefore, this chemical is not allowed as a direct addition to a product and cannot make up more than 50% of any listed ingredient.	
ASCORBIC ACID (VITAMIN C)	L-Ascorbic acid	50-81-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
ASCORBYL PALMITATE (VITAMIN C PALMITATE)	ASCORBYL PALMITATE	137-66-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
ASTRAGALUS GUMMIFER GUM	tragacanth (Astragalus gummifer) gum		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions * L	abels Must Bear These Warnings
ASTROCARYUM MURUMURU SEED BUTTER	ASTROCARYUM MURUMURU SEED BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
ATTAPULGITE	attapulgite	12174-11-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	
ATTAPULGITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
AUSTRALIAN RED REEF CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
AVENA SATIVA (OAT) KERNEL OIL	AVENA SATIVA (OAT) KERNEL OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
AVOBENZONE	4TERTBUTYL4ME THOXYDIBENZOY LMETHANE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions * La	abels Must Bear These Warnings
AVOCADAMIDE DEA	AVOCADAMIDE DEA	124046-21-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
AVOCADAMIDE DEA	AVOCADAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
AVOCADAMIDOPROPYL BETAINE	AVOCADAMIDOP ROPYL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
AVOCADAMIDOPROPYL DIMETHYLAMINE	Avocadamidoprop yl dimethylamine		This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
AVOCADO OIL PEG-11 ESTERS	Avocado Oil Peg- 11 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AVOCADO OIL PEG-8 ESTERS	Avocado Oil Peg- 8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
AZELAIC ACID	AZELAIC ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3% in leave-on products and 10% in rinse-off products.	
AZELAMIDE MEA	AZELAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
Aziridine, homopolymer, ethoxylated	Aziridine, homopolymer, ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
BABASSU OIL GLYCERETH-8- ESTERS	Babassu Oil Glycereth-8-Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BABASSU OIL GLYCERETH-8- ESTERS	Babassu Oil Glycereth-8-Esters		The Cosmetic Ingredient Review has determined that a similar ingredient is safe as used up to a concentration of 11.3%	
BABASSUAMIDE DEA	BABASSUAMIDE DEA	124046-24-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
BABASSUAMIDE DEA	BABASSUAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BABASSUAMIDE MEA	BABASSUAMIDE MEA		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
BABASSUAMIDE MEA	BABASSUAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
Babassuamidopropy dimethylamine			This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
BABASSUAMIDOPROPYL BETAINE	BABASSUAMIDOP ROPYL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BAKUCHIOL	BAKUCHIOL	10309-37-2	Based on a clinical study, bacuchiol may be used up to 1% in a cosmetics product.	
BARIUM	Barium		Health Canada restricts the use of this ingredient, in the form of barium sulfate, as a colouring agent or as a lake for preparation of other colouring agents and barium sulfide.	
BARIUM SULFIDE	barium sulfide	21109-95-5	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
BARIUM SULFIDE	BARIUMSULFIDE	21109-95-5	Health Canada restricts this ingredient to a maximum concentration of 6% (sulfur) in depilatory products.	
BAROSMA BETULINA LEAF EXTRACT			The Cosmetic Ingredient Review restricts the pulegone content of a similar ingredient to a maximum concentration of 1%.	
BASIC BLUE 99	BASIC BLUE 99		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
BASIC YELLOW 57	BASIC YELLOW 57	68391-31-1	The European Commission restricts this ingredient to a maximum concentration of 2.0% in non-oxidative hair dye products.	
BASSIA LATIFOLIA SEED BUTTER	BASSIA LATIFOLIA SEED BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
BATYL ALCOHOL	BATYL ALCOHOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Bay oil, terpeneless [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Bay oil, terpeneless [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient Alternative name CAS EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
Bay oil, terpeneless [based on the component: EUGENOL] Eugenol 97-53-0 The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos,

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BEHENAMIDE DEA	BEHENAMIDE DEA	70496-39-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
BEHENAMIDE DEA	BEHENAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
BEHENAMIDE MEA	BEHENAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
BEHENAMIDOPROPYL DIMETHYLAMINE	Behenamidopropy I dimethylamine	60270-33-9	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
BEHENETH-30	Beheneth-30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
BEHENTRIMONIUM DIMETHICONE PEG-8 PHTHALATE	Behentrimonium Dimethicone Peg- 8 Phthalate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BENZALDEHYDE	benzaldehyde	100-52-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
BENZALDEHYDE	benzaldehyde	100-52-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.09% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.27% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.14% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.43% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZALKONIUM BROMIDE	BENZALKONIUM BROMIDE	91080-29-4	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinse-off hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	The European Commission requires the following warning text on the product label/package: - 'Avoid contact with the eyes'
BENZALKONIUM CHLORIDE	Benzalkonium Chloride	8001-54-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1% as the free active ingredient.	
BENZALKONIUM CHLORIDE	BENZALKONIUMC HLORIDE	8001-54-5	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
BENZALKONIUM CHLORIDE	BENZALKONIUMC HLORIDE	61789-71-7	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZALKONIUM CHLORIDE	BENZALKONIUMC HLORIDE	68391-01-5	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
BENZALKONIUM CHLORIDE	BENZALKONIUMC HLORIDE	68424-85-1	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
BENZALKONIUM CHLORIDE	BENZALKONIUMC HLORIDE	85409-22-9	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
BENZALKONIUM CHLORIDE	BENZALKONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in products meant to be applied to the mucosa.	
BENZALKONIUM CHLORIDE	BENZALKONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
BENZALKONIUM CHLORIDE	Benzalkonium Chloride	68391-01-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
Benzalkonium chloride, bromide and saccharinate (10)			(*) The European Commission restricts this ingredient to a maximum concentration of 0.1% (as benzalkonium chloride)	
BENZENE-1,2:4,5- TETRACARBOXYLIC DIANHYDRIDE	Pyromellitic Dianhydride	89-32-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZENEPROPANAL, 4- METHOXY-ALPHA-METHYL-	4-Methoxy-α- methylbenzenepro panal	5462-06-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.67% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.28% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
BENZETHONIUM CHLORIDE	BENZETHONIUM CHLORIDE	121-54-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5% in skin products and 0.02% in eye products.	
BENZETHONIUM CHLORIDE	BENZETHONIUMC HLORIDE	121-54-0	Health Canada restricts this ingredient to a maximum concentration of 0.2% in leave-on products and 0.3% in rinse-off products. Additionally, the ingredient cannot be used in products applied to mucous membranes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZETHONIUM CHLORIDE	BENZETHONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in rinse-off products (not applied to mucosa).	
BENZETHONIUM CHLORIDE	BENZETHONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
BENZETHONIUM CHLORIDE	BENZETHONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.2% in leave-on products (not applied to mucosa).	
BENZETHONIUM CHLORIDE	Benzenemethana minium, N,N- dimethyl-N-[2-[2- [4-(1,1,3,3,- tetramethylbutyl) phenoxy]ethoxy]et hyl]-, chloride	121-54-0	(*) The European Commission restricts this ingredient to a maximum concentration of 0.10% in rinse-off products and leave-on products (with the exception of oral products).	
BENZINE (MOTOR FUEL)	BENZINE (MOTOR FUEL)	86290-81-5	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
BENZOIC ACID	Benzoic acid	65-85-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
BENZOIC ACID	Benzoate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
BENZOIC ACID	BENZOIC ACID and BENZOATE		The Japanese Ministry of Health, Labour and Welfare restricts total benzoate to 1% (w/w) and benzoic acid to 0.2% (w/w) of the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
BENZOIC ACID, P- (BUTYLAMINO)-, 2- (DIMETHYLAMINO)ETHYL ESTER		94-24-6		
BENZOPHENONE-1	BENZOPHENONE- 1	131-56-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
BENZOPHENONE-11	BENZOPHENONE- 11	1341-54-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
BENZOPHENONE-2	BENZOPHENONE- 2		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
BENZOPHENONE-5	BENZOPHENONE- 5	6628-37-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	
BENZOPHENONE-5	SODIUMHYDROX YMETHOXYBENZ OPHENONESULF ONATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
BENZOPHENONE-5	SODIUMHYDROX YMETHOXYBENZ OPHENONESULF ONATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1% in products meant to be applied to the mucosa.	
BENZOPHENONE-5	SODIUMHYDROX YMETHOXYBENZ OPHENONESULF ONATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
BENZOPHENONE-6	BENZOPHENONE- 6		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
BENZOPHENONE-6	Dihydroxydimetho xybenzophenone		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
BENZOPHENONE-6	Dihydroxydimetho xybenzophenone		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
BENZOPHENONE-6	Dihydroxydimetho xybenzophenone		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
BENZOPHENONE-8	BENZOPHENONE- 8		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
BENZOPHENONE-9	BENZOPHENONE- 9	76656-36-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	
BENZOYL PEROXIDE	Benzoyl peroxide	94-36-0	The European Commission restricts this ingredient to a maximum concentration of 0.7% after mixing for use in artificial nail systems.	The European Commission requires the following warning text on the product label/package: - 'For professional use only'; - 'Avoid skin contact'; - 'Read directions for use carefully'
BENZOYL PEROXIDE	Benzoyl peroxide	94-36-0	The European Commission restricts this ingredient to a maximum concentration of 0.7% after mixing for use in artificial nail systems.	The European Commission requires the following warning text on the product label/package: - 'For professional use only'; - 'Avoid skin contact'; - 'Read directions for use carefully'
BENZYL ALCOHOL	benzyl alcohol	100-51-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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BENZYL ALCOHOL	benzyl alcohol	100-51-6		The European Commission requires the following on the product label/package: - For purposes other than inhibiting the development of microorganisms in the product, the ingredient's purpose; - The presence of the substance must be indicated in the list of ingredients referred when its concentration exceeds: 0.001% in leave- on products and 0.01% in rinse-off products.
BENZYL ALCOHOL	benzyl alcohol	100-51-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.9% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZYL ALCOHOL	Benzyl alcohol (7)	100-51-6	(*) The European Commission restricts this ingredient to a maximum concentration of 1.00%	
BENZYL BENZOATE	benzyl benzoate	120-51-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
BENZYL BENZOATE	benzyl benzoate	120-51-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZYL BENZOATE	benzyl benzoate	120-51-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.7% in lip products, 2.2% in deodorants/antiperspirants, 8.9% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 26.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 14% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 42.8% in mouthwashes, breath sprays, and toothpastes, 4.5% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
BENZYL BENZOATE	benzyl benzoate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 4%	
BENZYL CINNAMATE	Benzyl cinnamate	103-41-3		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZYL CINNAMATE	Benzyl cinnamate	103-41-3		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
BENZYL CINNAMATE	Benzyl cinnamate	103-41-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.2% in deodorants/antiperspirants, 0.7% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 3.4% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
BENZYL SALICYLATE	Benzyl salicylate	118-58-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZYL SALICYLATE	Benzyl salicylate	118-58-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
BENZYL SALICYLATE	Benzyl salicylate	118-58-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.5% in lip products, 0.7% in deodorants/antiperspirants, 2.7% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 8% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 4.2% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 12.8% in mouthwashes, breath sprays, and toothpastes, 1.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
BENZYLHEMIFORMAL	Methanol, (phenylmethoxy)-	14548-60-8	(*) The European Commission restricts this ingredient to a maximum concentration of 0.15% in rinse-off products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BENZYLPARABEN	Benzylparaben		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% if used alone and 0.8% in a paraben mixture.	
BERTHOLLETIA EXCELSA (BRAZILNUT) SEED OIL	BERTHOLLETIA EXCELSA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
BERTHOLLETIA EXCELSA SEED OIL PEG-8 ESTERS	Bertholletia Excelsa Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BETA HYDROXY ACIDS	Salicylic acid	69-72-7	The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
BETA HYDROXY ACIDS	SALICYLICACID	69-72-7	Health Canada restricts this ingredient to a maximum concentration of 2%.	
BETA HYDROXY ACIDS	SALICYLICACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.2%.	
beta-PINENES	BETA-PINENES	127-91-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L	
BETULA ALBA (BIRCH) [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) BARK [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BETULA ALBA (BIRCH) BARK EXTRACT	Birch wood pyrolysate (purified)	84012-15-7	The International Fragrance Association restricts the total benzopyrene and 1,2- benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA ALBA (BIRCH) BARK EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) INFUSION [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) LEAF [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) LEAF EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) LEAF OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) LEAF OIL EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BETULA ALBA (BIRCH) SAP [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA (BIRCH) SAP EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA BARK POWDER [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA BARK WATER [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA BARK/LEAF EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA BUD EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA LEAF WATER [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA ALBA OIL	Birch wood pyrolysate (purified)	8001-88-5	The International Fragrance Association restricts the total benzopyrene and 1,2- benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA ALBA OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
BETULA ALLEGHANIENSIS (GOLDEN BIRCH) BARK EXTRACT	Birch wood pyrolysate (purified)	84012-15-7	The International Fragrance Association restricts the total benzopyrene and 1,2- benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA ERMANII BARK [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA LENTA (BIRCH) BARK OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA LENTA (SWEET BIRCH) OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA NIGRA (BIRCH) OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PENDULA TWIG EXTRACT	Birch wood pyrolysate (purified)	85940-29-0	The International Fragrance Association restricts the total benzopyrene and 1,2- benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
BETULA PENDULA TWIG EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PENDULA TWIG OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PENDULA WOOD POWDER [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BETULA PLATYPHYLLA JAPONICA BARK [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PLATYPHYLLA JAPONICA BARK EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PLATYPHYLLA JAPONICA JUICE [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PUBESCENS (WHITE BIRCH) [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PUBESCENS (WHITE BIRCH) BARK EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PUBESCENS (WHITE BIRCH) JUICE [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PUBESCENS (WHITE BIRCH) LEAF [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PUBESCENS TWIG EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BETULA PUBESCENS TWIG OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ВНА	вна		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
BHA	Butylated hydroxyanisole	25013-16-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
BHT	BHT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
BICYCLO(4.1.0)HEPT-3-ENE, 3,7,7(OR 4,7,7)-TRIMETHYL-	Carene	13466-78-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
BIOTIN	BIOTIN	58-85-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
Biphenyl-2-ol, and its salts			(*) The European Commission restricts this ingredient to a maximum concentration of 0.2% (as the phenol)	
BIRCH LEAF [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
BIRCH TAR OIL [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
Birch wood pyrolysate (purified)		68917-50-0	The International Fragrance Association restricts the total benzopyrene and 1,2- benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BIS ISOBUTYL PEG/PPG- 20/35/AMODIMETHICONE COPOLYMER	BIS ISOBUTYL PEG/PPG- 20/35/AMODIMET HICONE COPOLYMER		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
BIS- BUTYLOXYAMODIMETHICONE /PEG-60 COPOLYMER	Bis- Butyloxyamodime thicone/peg-60 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-ISOBUTYL PEG- 14/AMODIMETHICONE COPOLYMER	BIS-ISOBUTYL PEG- 14/AMODIMETHIC ONE COPOLYMER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-ISOBUTYL PEG- 14/AMODIMETHICONE COPOLYMER	BIS-ISOBUTYL PEG- 14/AMODIMETHIC ONE COPOLYMER		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
BIS-ISOBUTYL PEG- 15/AMODIMETHICONE COPOLYMER	BIS-ISOBUTYL PEG- 15/AMODIMETHIC ONE COPOLYMER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-ISOBUTYL PEG- 15/AMODIMETHICONE COPOLYMER	BIS-ISOBUTYL PEG- 15/AMODIMETHIC ONE COPOLYMER		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BIS-PEG-1 DIMETHICONE	Bis-Peg-1 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG-12 DIMETHICONE	Bis-Peg-12 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG-12 DIMETHICONE BEESWAX	Bis-Peg-12 Dimethicone Beeswax		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG-12 DIMETHICONE CANDELILLATE	Bis-Peg-12 Dimethicone Candelillate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG-15 DIMETHICONE/ IPDI COPOLYMER	Bis-Peg-15 Dimethicone/ Ipdi Copolymer	190793-18-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BIS-PEG-15 METHYL ETHER DIMETHICONE	Bis-Peg-15 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG-18 METHYL ETHER	Bis-Peg-18 Methyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG-18 METHYL ETHER DIMETHYL SILANE	Bis-Peg-18 Methyl Ether Dimethyl Silane		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG-20 DIMETHICONE	Bis-Peg-20 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG-4 DIMETHICONE	Bis-Peg-4 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BIS-PEG-8 DIMETHICONE	Bis-Peg-8 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG/ PPG-14/ 14 DIMETHICONE	Bis-Peg/ Ppg-14/ 14 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG/ PPG-16/ 16 DIMETHICONE	Bis-Peg/ Ppg-16/ 16 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG/ PPG-20/ 20 DIMETHICONE	Bis-Peg/ Ppg-20/ 20 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIS-PEG/PPG-16/16 PEG/PPG- 16/16 DIMETHICONE	Bis-Peg/ppg-16/16 Peg/ppg-16/16 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Bis-Stearoxydimethylsilane		29043-70-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.38%	
BISABOLOL	BISABOLOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
BISAMINO PEG/ PPG-41/ 3 AMINOETHYL PG-PROPYL DIMETHICONE	Bisamino Peg/ Ppg-41/ 3 Aminoethyl Pg- Propyl Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BISPOLYETHYLENE DIMETHICONE	Bispolyethylene Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BITTER CHERRY SEED OIL PEG- 8 ESTERS	Bitter Cherry Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BIXA ORELLANA (ANNATTO) SEED EXTRACT	Annatto		The European Commission restricts the arsenic, lead, mercury, cadmium, and total heavy metal contents of this ingredient to maximum concentrations of 3 ppm, 10 ppm, 1 ppm, 1 ppm, and 40 ppm, respectively.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BIXA ORELLANA (ANNATTO) SEED EXTRACT	Annatto		This ingredient must meet purity criteria as set out in European Commission Directive: Solvent residues Acetone, Methanol, or Hexane not more than 50 ppm singly or in combination; Dichloromethane not more than 10 ppm; Arsenic not more than 3 ppm, Lead	
BORAGE SEED OIL PEG-8 ESTERS	Borage Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BORAGO OFFICINALIS (BORAGE)	BORAGO OFFICINALIS SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
BORAGO OFFICINALIS (BORAGE) SEED OIL	BORAGO OFFICINALIS SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BORIC ACID	Boric acid	13460-50-9	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'
BORIC ACID	Boric acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%, and may not be used on products applied to infant or injured skin.	
BORIC ACID	BORICACID	10043-35-3	Health Canada restricts this ingredient to a maximum concentration of 5%.	Health Canada requires the following on the product label/package in all products containing more than 0.1% boric acid and when it is not used a pH adjuster: - 'Do not use on broken or abraded skin'; - 'Not to be used by children under three years of age'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Boric acid	BORICACID	10043-35-3	Health Canada restricts this ingredient to a maximum concentration of 5%.	Health Canada requires the following on the product label/package in all products containing more than 0.1% boric acid and when it is not used a pH adjuster: - 'Do not use on broken or abraded skin'; - 'Not to be used by children under three years of age'.
BORIC ACID	BORICACID	11113-50-1	Health Canada restricts this ingredient to a maximum concentration of 5%.	Health Canada requires the following on the product label/package in all products containing more than 0.1% boric acid and when it is not used a pH adjuster: - 'Do not use on broken or abraded skin'; - 'Not to be used by children under three years of age'.
Branched alcohol ethoxylates	Branched Alcohol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Branched alcohol ethoxylates	Branched Alcohol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
BRASSICA CAMPESTRIS (RAPESEED) SEED OIL	BRASSICA CAMPESTRIS (RAPESEED) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 17%.	
BRASSICA OLERACEA ITALICA (BROCCOLI) SEED OIL	BRASSICA OLERACEA ITALICA (BROCCOLI) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
BRASSICAMIDOPROPYL DIMETHYLAMINE	Brassicamidoprop yl dimethylamine		This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
BROMELAIN	Bromelain	9001-00-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
BROMELAIN	Bromelain	9001-00-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
BROMOCHLOROPHENE	2,2'- Methylenebis(6- bromo-4- chlorophenol)	15435-29-7	(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	
BRUCINE	brucine	357-57-3	Health Canada restricts this ingredient to a maximum concentration of 0.1%.	
BUTANE	Butane	106-97-8	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
BUTANE	Butane	106-97-8	Health Canada bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene.	
BUTETH-3	Buteth-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BUTETH-3	Buteth-3		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.33%	
BUTOXYDIGLYCOL	Butoxydiglycol	112-34-5	The European Commission restricts this ingredient to a maximum concentration of 9% in hair dye products. Additionally, this solvent cannot be used in aerosol dispensers (sprays).	
Butyl 4-hydroxybenzoate and its salts, Propyl 4- hydroxybenzoate and its salts			(*) The European Commission restricts this ingredient to a maximum concentration of 0.14% (as acid) when used by itself, and 0.8% (as acid) for mixtures of parabens (methyl, ethyl, butyl, propyl, etc., and here the sum of the individual concentrations of butyl and propylparaben and their salts does not exceed 0.14%)	
BUTYL ACRYLATE/GLYCOL DIMETHACRYLATE CROSSPOLYMER	Butyl Acrylate/Glycol Dimethacrylate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 10%	
BUTYL ALCOHOL	n-Butyl alcohol	71-36-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15% in nail products and 0.002% in all other products.	
BUTYL BENZOIC ACID/PHTHALIC ANHYDRIDE/TRIMETHYLOLET HANE COPOLYMER	Butyl Benzoic Acid/phthalic Anhydride/trimeth ylolethane Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions * Labels Must Bear These Warnings
BUTYL BENZYL PHTHALATE	Butyl benzyl phthalate	85-68-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used at a concentration of 1% or less.
BUTYL CINNAMALDEHYDE	α- Butylcinnamaldeh yde	7492-44-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.15% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.45% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.24% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.72% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
BUTYL ESTER OF PVM/ MA COPOLYMER	BUTYL ESTER OF PVM/MA COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BUTYL GLYCOLATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
BUTYL LACTATE	BUTYL LACTATE	138-22-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
BUTYL STEARATE	BUTYL STEARATE	123-95-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%.	
BUTYL THIOGLYCOLATE	BUTYL THIOGLYCOLATE	10047-28-6	The European Commission restricts this ingredient to a maximum concentration of 8% (calculated as thioglycolic acid) in hair waving products and 11% (calculated as thioglycolic acid) in hair straightening products.	The European Commission requires the following conditions of use on the label/package of general and professional use hair waving or straightening products: - 'May cause sensitization in the event of skin contact'; - 'Avoid contact with eyes,' - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'; - 'Wear suitable gloves'. Additionally, the following warning text are required: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Lastly, the following warning must also be labeled in addition to the above on professional use hair waving or straightening products: - 'For professional use only'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
BUTYL THIOGLYCOLATE	BUTYL THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors.	
BUTYLENE GLYCOL COCOATE	BUTYLENE GLYCOL COCOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
BUTYLENE GLYCOL COCOS NUCIFERA			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
BUTYLENE GLYCOL DIISONONANOATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 17%.	
BUTYLOCTYL SALICYLATE	BUTYLOCTYL SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
BUTYLPARABEN	Propylparaben	94-13-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	
BUTYLPARABEN	Butylparaben	94-26-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% if used alone and 0.8% in a paraben mixture.	
BUTYROSPERMUM PARKII (SHEA BUTTER) OIL	BUTYROSPERMU M PARKII (SHEA) OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 15%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
BUTYROSPERMUM PARKII (SHEA BUTTER) UNSAPONIFIABLES	BUTYROSPERMU M PARKII (SHEA) BUTTER UNSAPONIFIABLE S		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
BUTYROSPERMUM PARKII (SHEA) BUTTER			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 60%	
BUTYROSPERMUM PARKII (SHEA) OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	AMODIMETHICON E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-31 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-32 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-33 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-34 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-35 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-36 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-37 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-38 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-39 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-40 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-41 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-42 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-43 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-44 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	C-45 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	CETYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
C 26-28 ALKYL DIMETHICONE/VINYL DIMETHICONE CROSSPOLYMER	CETEARYL METHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
C-13 ALKYL SALICYLATE			The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
C-14 ALKYL SALICYLATE			The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
C-15 ALKYL SALICYLATE			The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
C10 Alcohol Ethoxylate	C10 Alcohol Ethoxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
C10 Alcohol Ethoxylated Propoxylated	C10 Alcohol Ethoxylated Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C10-12 ALKANE/CYCLOALKANE	C10-12 Alkane/Cycloalkan e	64742-48-9	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
C10-12 Branched Alcohols Ethoxylated 5-7EO	C10-12 Branched Alcohols Ethoxylated 5-7eo		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C10-16 Alcohols Ethoxylated Propoxylated	C10-16 Alcohols Ethoxylated Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C10-16 Pareth-1	C10-16 PARETH-1		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C10-18 TRIGLYCERIDES	C10-18 triglycerides		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 48%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
C11-15 PARETH-7 CARBOXYLIC ACID	C11-15 Pareth-7 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-13 PARETH-7	C12-13 PARETH-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-14 Alcohols Ethoxylated Propoxylated	C12-14 Alcohols Ethoxylated Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-14 Pareth-11	C12-14 Pareth-11		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-14 PARETH-3	C12-14 PARETH-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
C12-14 PARETH-7	C12-14 PARETH-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-15 Alcohols Ethoxylated Propoxylated	C12-15 Alcohols Ethoxylated Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-15 ALKYL SALICYLATE	C-12 ALKYL SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
C12-15 PARETH-2	C12-15 PARETH-2		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-15 PARETH-3	C12-15 PARETH-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
C12-15 PARETH-7	C12-15 PARETH-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-15 PARETH-9	C12-15 PARETH-9		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-16 Alcohols Ethoxylated 7EO	C12-16 Alcohols Ethoxylated 7eo		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-16 ALKYL PEG-2 HYDROXYPROPYL HYDROXYETHYL ETHYLCELLULOSE	C12-16 Alkyl Peg-2 Hydroxypropyl Hydroxyethyl Ethylcellulose		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-18 ACID TRIGLYCERIDE	C12-18 Acid Triglyceride		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.33%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
C12-20 ACID PEG-20 ESTER	C12-20 Acid Peg- 20 Ester		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-20 ACID PEG-8 ESTER	C12-20 Acid Peg-8 Ester		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C12-20 ISOPARAFFIN	C12-20 ISOPARAFFIN	64742-46-7	The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
C14-15 PARETH-7	C14-15 PARETH-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C16-22 ACID AMIDE MEA	C16-22 Acid Amide MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
C18-36 ACID TRIGLYCERIDE	C18-36 acid triglyceride		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 26%	
C30-45 ALKYL DIMETHICONE	C-30 ALKYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
C30-45 ALKYLDIMETHYLSILYL PROPYLSILSEQUIOXANE	C30-45 Alkyldimethylsilyl Polypropylsilsesqu ioxane		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 5%	
C6-12 Alcohols Ethoxylated Propoxylated	C6-12 Alcohols Ethoxylated Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C6-20 Alcohols Ethoxylated Propoxylated	C6-20 Alcohols Ethoxylated Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C8-10 Alcohols Ethoxylated Propoxylated	C8-10 Alcohols Ethoxylated Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C8-10 ALKANE/CYCLOALKANE/ARO MATIC HYDROCARBONS	C8-10 ALKANE/CYCLOA LKANE/AROMATI C HYDROCARBONS	64742-82-1	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
C8-9 ALKANE/CYCLOALKANE	C8-9 ALKANE/CYCLOA LKANE	64742-49-0	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
C8-9 ALKANE/CYCLOALKANE	C9-10 ALKANE/CYCLOA LKANE	64742-49-0	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
C8-9 ALKANE/CYCLOALKANE	C9-11 ALKANE/CYCLOA LKANE C9-11 ALKANE/CYCLOA LKANE	64742-49-0	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
C9-10 ALKANE/CYCLOALKANE	C9-10 ALKANE/CYCLOA LKANE	64742-49-0	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
C9-10 AROMATIC HYDROCARBONS	C9-10 AROMATIC HYDROCARBONS	64742-95-6	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
C9-11 Alcohols Ethoxylated 4- 6EO	C9-11 Alcohols Ethoxylated 4-6eo		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C9-11 ALKANE/CYCLOALKANE C9-11 ALKANE/CYCLOALKANE	C9-11 ALKANE/CYCLOA LKANE C9-11 ALKANE/CYCLOA LKANE	64742-49-0	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
C9-11 PARETH-3	C9-11 PARETH-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
C9-11 PARETH-8	C9-11 PARETH-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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CADE OIL	Cade oil - Juniperus oxycedrus L. (purified)	8013-10-3	The International Fragrance Association restricts the total benzopyrene and 1,2- benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	
CAESALPINIA SPINOSA GUM	CAESALPINIA SPINOSA GUM		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%	
CALCIUM BENZOATE	CALCIUM BENZOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.004%.	
CALCIUM CARBONATE	Calcium carbonate		The European Commission restricts the arsenic, lead, cadmium, fluoride, antimony, copper, zinc, and barium contents of this ingredient to maximum concentrations of 3 ppm, 10 ppm, 1 ppm, 50 ppm, 100 ppm, 100 ppm, 100 ppm, and 100 ppm, respectively.	
CALCIUM FLUORIDE	calcium fluoride	7789-75-5	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains calcium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CALCIUM FLUORIDE	calcium fluoride	7789-75-5	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains calcium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
CALCIUM FLUORIDE	calcium fluoride	7789-75-5	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains calcium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
CALCIUM FLUORIDE	CALCIUMFLUORI DE	7789-75-5	Health Canada restricts the use of this ingredient to non-oral products.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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CALCIUM FRUCTOBORATE	CALCIUM FRUCTOBORATE		The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'
CALCIUM HYDROXIDE	Calcium hydroxide	1305-62-0	The European Commission restricts this ingredient to a maximum concentration of 7% (as calcium hydroxide) in two- component (calcium hydroxide and guanidine salt) hair straighteners. Additionally, as a pH adjuster, the pH must be less than 12.7 in depilatories and less than 11 in all other uses.	The European Commission requires the following warning text on the product label/package of hair straighteners containing two components (calcium hydroxide and a guanidine salt): - 'Contains alkali'; - 'Avoid contact with eyes'; - 'Can cause blindness'; - 'Keep out of reach of children'. As a pH adjuster for depilatories, the following are required on the label: - 'Contains alkali'; - 'Keep out of reach of children'; - 'Avoid contact with eyes'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CALCIUM HYDROXIDE	Calcium hydroxide	1305-62-0	The European Commission restricts this ingredient to a maximum concentration of 7% (as calcium hydroxide) in two- component (calcium hydroxide and guanidine salt) hair straighteners. Additionally, as a pH adjuster, the pH must be less than 12.7 in depilatories and less than 11 in all other uses.	The European Commission requires the following warning text on the product label/package of hair straighteners containing two components (calcium hydroxide and a guanidine salt): - 'Contains alkali'; - 'Avoid contact with eyes'; - 'Can cause blindness'; - 'Keep out of reach of children'. As a pH adjuster for depilatories, the following are required on the label: - 'Contains alkali'; - 'Keep out of reach of children'; - 'Avoid contact with eyes'
CALCIUM HYDROXIDE	Calcium hydroxide		(*) The Cosmetic Ingredient Review has determined that users should minimize skin contact for hair straighteners and depilatories that contain this ingredient.	
CALCIUM LACTATE	CALCIUM LACTATE	814-80-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CALCIUM MONOFLUOROPHOSPHATE	CALCIUM MONOFLUOROP HOSPHATE	7789-74-4	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains calcium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
CALCIUM MONOFLUOROPHOSPHATE	CALCIUM MONOFLUOROP HOSPHATE	7789-74-4	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains calcium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CALCIUM MONOFLUOROPHOSPHATE	CALCIUM MONOFLUOROP HOSPHATE	7789-74-4	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains calcium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
CALCIUM PANTOTHENATE	CALCIUM PANTOTHENATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.5%	
CALCIUM PCA	CALCIUM PCA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CALCIUM PEROXIDE	CALCIUM PEROXIDE	1305-79-9	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - 'For professional use only'; - 'Avoid contact

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CALCIUM PEROXIDE	CALCIUMPEROXI DE	1305-79-9	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
CALCIUM PEROXIDE	CALCIUMPEROXI DE	1305-79-9	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CALCIUM SALICYLATE	CALCIUM SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
CALCIUM SILICATE	Calcium silicate	1344-95-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
CALCIUM STEARATE	CALCIUM STEARATE	1592-23-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 23%.	
CALCIUM STEAROYL LACTYLATE	CALCIUM STEAROYL LACTYLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%	
CALCIUM STERATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 23%.	
CALCIUM SULFIDE	calcium sulfide	20548-54-3	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
CALCIUM SULFIDE	calcium sulfide	1344-81-6	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CALCIUM SULFIDE	calcium sulfide	1344-81-6	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
CALCIUM SULFIDE	CALCIUMSULFIDE	20548-54-3	Health Canada restricts this ingredient to a maximum concentration of 6% (sulfur) in depilatory products.	
CALCIUM SULFIDE	CALCIUMSULFIDE	20548-54-3	Health Canada restricts this ingredient to a maximum concentration of 6% (sulfur) in depilatory products.	
CALCIUM THIOGLYCOLATE	CALCIUM THIOGLYCOLATE	814-71-1	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CALCIUM THIOGLYCOLATE	CALCIUM THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% in hair straighteners, permanent waves, tonics, dressings, wave sets, other non- coloring hair products, and hair dyes and colors.	
CALCIUM TITANIUM BOROSILICATE	Calcium titanium borosilicate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
CALENDULA OFFICINALIS (POT MARIGOLD)	CALENDULA OFFICINALIS EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
CALENDULA OFFICINALIS (POT MARIGOLD) EXTRACT	CALENDULA OFFICINALIS EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
CALENDULA OFFICINALIS (POT MARIGOLD) FLOWER EXTRACT	CALENDULA OFFICINALIS EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
CALENDULA OFFICINALIS (POT MARIGOLD) FLOWER OIL	CALENDULA OFFICINALIS OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
CALENDULA OFFICINALIS (POT MARIGOLD) FLOWER WATER	CALENDULA OFFICINALIS EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
CALENDULA OFFICINALIS (POT MARIGOLD) INFUSION	CALENDULA OFFICINALIS EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
CALENDULA OFFICINALIS (POT MARIGOLD) OIL	CALENDULA OFFICINALIS OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
CALENDULA OFFICINALIS (POT MARIGOLD) ROOT EXTRACT	CALENDULA OFFICINALIS EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
CALENDULA OFFICINALIS (POT MARIGOLD) TINCTURE	CALENDULA OFFICINALIS EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CAMBRIAN BLUE CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
CAMELINA SATIVA (GOLD OF PLEASURE) SEED OIL	Camelina Sativa Seed Oil		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1%	
CAMELLIA JAPONICA SEED OIL	CAMELLIA JAPONICA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
CAMELLIA KISSI SEED OIL	CAMELLIA KISSI SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
CAMELLIA OLEIFERA (TEA-OIL CAMELLIA) SEED OIL	CAMELLIA OLEIFERA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CAMELLIA SINENSIS (GREEN TEA) EXTRACT	Teal leaf absolute	84650-60-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.02% in deodorants/antiperspirants, 0.07% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.3% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 2.4% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CAMELLIA SINENSIS (GREEN TEA) LEAF EXTRACT	Teal leaf absolute	84650-60-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.02% in deodorants/antiperspirants, 0.07% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.3% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 2.4% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

CAMELLIA SINENSIS (GREEN TEA) LEAF POWDER EXTRACT TEA) LEAF POWDER EXTR	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
	CAMELLIA SINENSIS (GREEN TEA) LEAF POWDER EXTRACT	Teal leaf absolute	84650-60-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.02% in deodorants/antiperspirants, 0.07% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.3% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 2.4% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CAMELLIA SINENSIS (GREEN TEA) ROOT EXTRACT	Teal leaf absolute	84650-60-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.02% in deodorants/antiperspirants, 0.07% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.3% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 2.4% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CAMELLIA SINENSIS (GREEN TEA) SEED EXTRACT	Teal leaf absolute	84650-60-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.02% in deodorants/antiperspirants, 0.07% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.3% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 2.4% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CAMELLIA SINENSIS (GREEN TEA) SEED OIL	CAMELLIA SINENSIS SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CAMELLIA SINENSIS (TEA- OIL/CAMELLIA) LEAF EXTRACT	Teal leaf absolute	84650-60-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.02% in deodorants/antiperspirants, 0.07% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.3% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 2.4% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CAMELLIA SINENSIS CALLUS	Teal leaf absolute	84650-60-2	The International Fragrance Association	
CULTURE EXTRACT			restricts this ingredient to a maximum	
			concentration of 0.01% in lip products,	
			0.02% in deodorants/antiperspirants,	
			0.07% in hydroalcoholic products	
			applied to recently shaved skin, men's	
			facial creams and balms, eye products,	
			and baby creams, lotions and oils, 0.2%	
			in hydroalcoholic products applied to	
			unshaved skin (e.g. perfume), body	
			sprays, hair styling aids and sprays,	
			body creams, oils and lotions, and foot	
			care products, 0.1% in women's facial	
			creams and makeup, hand creams,	
			facial masks, baby powder, wipes, hand	
			sanitizers, and dry shampoos, 0.3% in	
			mouthwashes, breath sprays, and	
			toothpastes, 0.04% in intimate wipes,	
			and baby wipes, 0.5% in makeup	
			removers, non-spray hair styling aids,	
			nail products, powders, and hair dyes,	
			and 2.4% in bath products (bar and	
			liquid soap, bath gels, body washes,	
			depilatories, facial cleansers, shampoos,	
			conditioners, etc.).	
CAMELLINA SATIVA SEED OIL			The Cosmetic Ingredient Review has	
			determined that this ingredient is safe	
			as used up to a concentration of 1%.	
CAMPHOR	CAMPHOR	76-22-2	Health Canada restricts this ingredient	
			to a maximum concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CANADIAN COLLOIDAL CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
CANANGA ODORATA (YLANG YLANG) OIL	Ylang Ylang Extracts	8006-81-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.05% in lip products, 0.06% in deodorants/antiperspirants, 0.27% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.8% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.3% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.8% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient Alternative name CAS EWG VERIFIED™ Product Restri	ictions * Labels Must Bear These Warnings
CANANGA ODORATA (YLANG YLANG) OIL YLANG) OIL Extracts Extracts Extracts CONCENTIAL (YLANG Ylang Ylang Extracts	sociation eximum oducts, irants, ts n, men's roducts, ils, 0.8% lied to ody rays, nd foot facial ims, pes, hand 3% in nd pes, and novers, es, and quid

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CANANGA ODORATA FLOWER EXTRACT(YLANG)	Ylang Ylang Extracts	83863-30-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.05% in lip products, 0.06% in deodorants/antiperspirants, 0.27% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.8% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.3% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.8% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CANARIUM LUZONICUM (ELEMI) GUM NONVOLATILES [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CANARIUM LUZONICUM (ELEMI) GUM NONVOLATILES [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CANARIUM LUZONICUM (ELEMI) GUM NONVOLATILES [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CANNABIDIOL	CANNABISSATIVA SEEDOIL	8016-24-8	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	
CANNABIDIOL	CANNABIDIOL	13956-29-1	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	
CANNABIDIOL	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS	CANNABIDIOL	13956-29-1	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CANNABIS	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA (HEMP)	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA (HEMP) ACID	CANNABISSATIVA SEEDOIL	8016-24-8	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	
CANNABIS SATIVA (HEMP) ACID	CANNABISSATIVA SEEDOIL	68956-68-3	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CANNABIS SATIVA (HEMP) ACID	CANNABIDIOL	13956-29-1	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	
CANNABIS SATIVA (HEMP) ACID	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA (HEMP) EXTRACT	CANNABISSATIVA SEEDOIL	8016-24-8	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	
CANNABIS SATIVA (HEMP) EXTRACT	CANNABISSATIVA SEEDOIL	68956-68-3	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	
CANNABIS SATIVA (HEMP) EXTRACT	CANNABIDIOL	13956-29-1	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
CANNABIS SATIVA (HEMP) EXTRACT	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.
CANNABIS SATIVA (HEMP) SEED OIL	CANNABISSATIVA SEEDOIL	8016-24-8	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.
CANNABIS SATIVA (HEMP) SEED OIL	CANNABIDIOL	13956-29-1	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.
CANNABIS SATIVA FLOWER/LEAF/STEM EXTRACT	CANNABISSATIVA SEEDOIL	8016-24-8	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.
CANNABIS SATIVA FLOWER/LEAF/STEM EXTRACT	CANNABIDIOL	13956-29-1	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CANNABIS SATIVA FLOWER/LEAF/STEM EXTRACT	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
CANNABIS SATIVA SEED OIL PEG-8 ESTERS	CANNABIS SATIVA SEED OIL PEG-8 ESTERS		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CANNABIS SATIVA SEED OIL PEG-8 ESTERS	CANNABISSATIVA SEEDOIL	8016-24-8	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	
CANNABIS SATIVA SEED OIL PEG-8 ESTERS	CANNABISSATIVA SEEDOIL	68956-68-3	Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	
CANNABIS SATIVA SEED OIL PEG-8 ESTERS	CANNABIS SATIVA SEED OIL PEG-8 ESTERS			
Canola oil			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 73%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CANOLA OIL UNSAPONIFIABLES	CANOLA OIL UNSAPONIFIABLE S		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.001%	
CANOLAMIDOPROPYL BETAINE	CANOLAMIDOPR OPYL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products	
CANTHARIDESTINCTUREGINGE RTINCTUREORCAPSICUMTINCT URE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
CAPE ALOE	ALOE FEROX LEAF JUICE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
CAPE ALOE	ALOE INGREDIENTS		California Prop65 lists non-decolorized aloe as known to cause cancer. Companies must certify that the aloe has been decolorized.	
CAPE ALOE EKISU	ALOE FEROX LEAF JUICE EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * La	abels Must Bear These Warnings
CAPRAMIDE DEA	CAPRAMIDE DEA	136-26-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
CAPRAMIDE DEA	CAPRAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
CAPRIC GLYCERIDES			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CAPRYL/ CAPRAMIDOPROPYL BETAINE	capryl/capramido propyl betaine		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
CAPRYLIC GLYCERIDES			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
CAPRYLIC/ CAPRIC/ STEARIC TRIGLYCERIDE	Caprylic/Capric/St earic Triglyceride		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 18%	
Caprylic/Capric Triglyceride			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 96%	
CAPRYLIC/CAPRIC TRIGLYCERIDE PEG-4 ESTERS	Caprylic/capric Triglyceride Peg-4 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Caprylic/Capric/Linoleic Triglyceride			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 52%	
CAPRYLIC/CAPRIC/MYRISTIC/S TEARIC TRIGLYCERIDE	Caprylic/Capric/M yristic/Stearic Triglyceride		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 15%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CAPRYLOYL GLYCINE	Capryloyl Glycine		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
CAPRYLOYL SALICYLIC ACID	CAPRYLOYL SALICYLIC ACID		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
CAPRYLYL GLYCOL	CAPRYLYL GLYCOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
CARAMEL	CARAMEL		The European Commission restricts the arsenic, lead, mercury, cadmium, and total heavy metal contents of this ingredient to maximum concentrations of 1 ppm, 2 ppm, 1 ppm, 1 ppm, and 25 ppm, respectively.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions * La	abels Must Bear These Warnings
CARAWAY EXTRACT [based on the component: d-Carvone]	CARVONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CARBOMER	CARBOMER-941		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
CARBOMER 940	CARBOMER-940		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
CARBOMER-934			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
CARBOMER-934P			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CARBOXYMETHYL HYDROXYETHYLCELLULOSE	CARBOXYMETHYL HYDROXYETHYLC ELLULOSE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
CARICA PAPAYA SEED OIL	CARICA PAPAYA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
CARNAUBA (COPERNICIA CERIFERA) WAX			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	
CAROTENE	β-Carotene.		The European Commission restricts the arsenic, lead, mercury, cadmium, and total heavy metal contents of this ingredient to maximum concentrations of 3 ppm, 10 ppm, 1 ppm, 1 ppm, and 40 ppm, respectively.	

CARUM CARVI (CARAWAY) CARVONE 2244-16-8 The International Fragrance Association	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
[based on the component: d- Carvone]	CARUM CARVI (CARAWAY) [based on the component: d- Carvone]	CARVONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient Alternative name CAS EWG VERIFIED™ Product Restrictions * Labels Must Be	ear These Warnings
CARUM CARVI (CARAWAY) FRUIT OIL [based on the component: d-Carvone]CARVONE2244-16-8The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oldia and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

CARUM CARVI (CARAWAY) CARVONE 2244-16-8 The International Fragrance Association	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
component: d-Carvone] component: d-Carvone] concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	CARUM CARVI (CARAWAY) SEED OIL [based on the component: d-Carvone]	CARVONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CARUM PETROSELINUM (PARSLEY) EXTRACT [based on the component: d-Carvone]	CARVONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear The	ese Warnings
CARUM PETROSELINUM (PARSLEY) SEED OIL [based on the component: d-Carvone]	CARVONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CARVACROL	CARVACROL	499-75-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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CARVONE	CARVONE	99-49-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CARVONE	CARVONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
CARVONE	CARVONE	6485-40-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
CARYOCAR BRASILIENSE FRUIT OIL	CARYOCAR BRASILIENSE FRUIT OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CASHMERAN	6,7-Dihydro- 1,1,2,3,3- pentamethyl- 4(5H)-indanone (DPMI)	33704-61-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.34% in lip products, 0.44% in deodorants/antiperspirants, 1.81% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 5.43% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.86% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 8.7% in mouthwashes, breath sprays, and toothpastes, 0.91% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CASSIA [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CASSIA [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
CASSIA [based on the component: CINNAMAL1	Cinnamic Aldehyde	104-55-2	The International Fragrance Association restricts this ingredient to a maximum
	Aldenyae		concentration of $0.02\%$ in lip products
			0.02% in deodorants/antiperspirants
			0.05% in hydroalcoholic products
			applied to recently shaved skin, men's
			facial creams and balms, eye products,
			and baby creams, lotions and oils,
			0.05% in hydroalcoholic products
			applied to unshaved skin (e.g.
			perfume), body sprays, hair styling aids
			and sprays, body creams, oils and
			lotions, and foot care products, 0.05% in
			women's facial creams and makeup,
			hand creams, facial masks, baby
			powder, wipes, hand sanitizers, and dry
			shampoos, 0.4% in mouthwashes,
			breath sprays, and toothpastes, 0.04%
			in intimate wipes, and baby wipes,
			0.05% in makeup removers, non-spray
			hair styling aids, nail products,
			powders, and hair dyes, and 0.05% in
			bath products (bar and liquid soap,
			bath gels, body washes, depilatories,
			facial cleansers, shampoos,
			conditioners, etc.).
CASSIA	CASSIA	1	(*) The Cosmetic Ingredient Review has
			determined that this ingredient is safe
			as used up to a concentration of $0.4\%$ in
	CHLORIDE		rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CASTORAMIDE DEA			The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
CATALASE	Catalase			Health Canada requires the following warning text on the product label/package: - 'This product is not intended for use on broken or abraded skin'.
CEDRUS ATLANTICA (ATLAS CEDAR) OIL	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA (ATLAS CEDAR) OIL	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA (ATLAS CEDAR) OIL	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA (ATLAS CEDAR) OIL	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CEDRUS ATLANTICA (ATLAS CEDAR) OIL	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA (ATLAS CEDAR) OIL	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA (ATLAS CEDAR) OIL	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA (ATLAS CEDAR) OIL	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA BARK EXTRACT	CEDRUS ATLANTICA BARK EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA BARK EXTRACT	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA BARK EXTRACT	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CEDRUS ATLANTICA BARK WATER	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA BARK WATER	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA BARK WATER	CEDRUS ATLANTICA BARK WATER	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA BARK EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD EXTRACT	CEDRUS ATLANTICA BARK WATER	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD OIL	CEDRUS ATLANTICA WOOD EXTRACT	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD OIL	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD OIL	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD OIL	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CEDRUS ATLANTICA WOOD OIL	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD OIL	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CEDRUS ATLANTICA WOOD OIL	CEDRUS ATLANTICA WOOD OIL	92201-55-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CELLULOSE ACETATE	CELLULOSE ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
CELLULOSE ACETATE BUTYRATE	CELLULOSE ACETATE BUTYRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 17%.	
CELLULOSE GUM	Cellulose Gum		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	
CERAMIDE 2	Ceramide NG		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
CERATONIA SILIQUA (CAROB) GUM	CERATONIA SILIQUA GUM		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.07%.	
CERESIN	CERESIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CERESIN	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
CETALKONIUM CHLORIDE	Cetalkonium Chloride	122-18-9	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinse-off hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	The European Commission requires the following warning text on the product label/package: - 'Avoid contact with the eyes'
CETEARALKONIUM BROMIDE	CETEARALKONIU M BROMIDE		The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinse-off hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	The European Commission requires the following warning text on the product label/package: - 'Avoid contact with the eyes'
CETEARETH ALCOHOL	Ceteareth Alcohol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETEARETH-10	CETEARETH-10	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-10 PHOSPHATE	Ceteareth-10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-100	CETEARETH-100	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-11	CETEARETH-11	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-13	CETEARETH-13	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETEARETH-14	CETEARETH-14		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-15	CETEARETH-15	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-16	CETEARETH-16	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-16-18	Ceteareth-16-18		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-17	CETEARETH-17	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETEARETH-18	CETEARETH-18	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-2	CETEARETH-2	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-2 PHOSPHATE	Ceteareth-2 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-20	CETEARETH-20	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-21	Ceteareth-21		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETEARETH-22	CETEARETH-22	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-23	CETEARETH-23	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-24	CETEARETH-24		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-25	CETEARETH-25	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-25 CARBOXYLIC ACID	Ceteareth-25 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETEARETH-27	CETEARETH-27	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-28	CETEARETH-28	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-29	CETEARETH-29	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-3	CETEARETH-3	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-30	CETEARETH-30	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETEARETH-33	CETEARETH-33	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-34	CETEARETH-34	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-4	CETEARETH-4	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-4 PHOSPHATE	Ceteareth-4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-40	CETEARETH-40	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETEARETH-5	CETEARETH-5	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-5 PHOSPHATE	Ceteareth-5 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-50	CETEARETH-50	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-55	CETEARETH-55	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-6	CETEARETH-6	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETEARETH-6 OLIVATE	Ceteareth-6 Olivate	226708-41-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-60	CETEARETH-60	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-60 MYRISTYL GLYCOL	Ceteareth-60 Myristyl Glycol	96081-39-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-7	CETEARETH-7	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-7 STEARATE	Ceteareth-7 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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CETEARETH-8	CETEARETH-8	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-80	CETEARETH-80	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARETH-9	CETEARETH-9	68439-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Ceteareths	Ceteareths		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARYL ALCOHOL	CETEARYL ALCOHOL		The Cosmetic Ingredient Review has determined that cetearyl alcohol (a component of emulsifying wax) is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETEARYL ALCOHOL/ CETEARETH-20	Cetearyl Alcohol/ Ceteareth-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETEARYL ETHYLHEXANOATE	CETEARYL OCTANOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
CETEARYL METHICONE	CETEARYL METHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
CETEARYL NONANOATE	CETEARYL NONANOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
CETETH-1	CETETH-1	2136-71-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-10	CETETH-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-10 PHOSPHATE	Ceteth-10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETETH-10 STEARATE	Ceteth-10 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-12	CETETH-12	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-13	Ceteth-13		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-14	CETETH-14	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-15	CETETH-15	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETETH-150	Ceteth-150		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-16	CETETH-16	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-17	Ceteth-17		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-18	Ceteth-18		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-2	CETETH-2	5274-61-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETETH-20	CETETH-20	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-20 PHOSPHATE	Ceteth-20 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-23	Ceteth-23		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-24	CETETH-24	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-25	CETETH-25	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETETH-3	CETETH-3	4484-59-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-3 STEARATE	Ceteth-3 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-30	CETETH-30	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-4	CETETH-4	5274-63-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-4 STEARATE	Ceteth-4 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETETH-40	Ceteth-40		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-45	CETETH-45	9004-95-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-5	CETETH-5	4478-97-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-5 STEARATE	Ceteth-5 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-56	Ceteth-56		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETETH-6	CETETH-6	5168-91-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-7	Ceteth-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-7 STEARATE	Ceteth-7 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-8	Ceteth-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETH-8 PHOSPHATE	Ceteth-8 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETETH-9 STEARATE	Ceteth-9 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Ceteths			(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETHYL MORPHOLINIUM ETHOSULFATE	CETETHYL MORPHOLINIUM ETHOSULFATE	78-21-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETETHYLDIMONIUM BROMIDE	Cetethyldimonium Bromide	124-03-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-10	CETOLETH-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETOLETH-11	CETOLETH-6	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-11	CETOLETH-25	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-11	CETOLETH-24	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-11	CETOLETH-22	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-11	CETOLETH-15	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETOLETH-11	CETOLETH-11	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-15	CETOLETH-15	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-18	CETOLETH-18	68155-01-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-2	CETOLETH-2	68155-01-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-20	CETOLETH-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETOLETH-22	CETOLETH-22	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-24	CETOLETH-24	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-25	CETOLETH-25	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-30	CETOLETH-30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-4	CETOLETH-2	68155-01-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETOLETH-4	CETOLETH-18	68155-01-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-4	CETOLETH-5	68155-01-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-4	CETOLETH-4	68155-01-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-5	CETOLETH-5	68155-01-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETOLETH-6	CETOLETH-6	8065-81-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETRIMONIUM CARBOXYDECYL PEG-8 DIMETHICONE	Cetrimonium Carboxydecyl Peg- 8 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETRIMONIUM DIMETHICONE PEG-7 PHTHALATE	Cetrimonium Dimethicone Peg- 7 Phthalate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETRIMONIUM LAURETH-12 SUCCINATE	Cetrimonium Laureth-12 Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETYL ACETATE	CETYL ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 17%.	
CETYL DIMETHICONE	CETYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
CETYL ESTERS	CETYL ESTERS		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
CETYL HYDROXYETHYLCELLULOSE	CETYL HYDROXYETHYLC ELLULOSE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETYL LACTATE	CETYL LACTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
CETYL MYRISTATE	CETYL MYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
CETYL PALMITATE	Cetyl palmitate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%.	
CETYL PEG/ PPG-10/ 1 DIMETHICONE	Cetyl Peg/ Ppg- 10/ 1 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETYL PEG/PPG-15/15 BUTYL ETHER DIMETHICONE	Cetyl Peg/ppg- 15/15 Butyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETYL PEG/PPG-7/3 DIMETHICONE	Cetyl Peg/ppg- 7/3 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CETYL PG HYDROXYETHYL PALMITAMIDE	CETYL PG HYDROXYETHYL PALMITAMIDE	110483-07-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
CETYL PG HYDROXYETHYL PALMITAMIDE	N-(3- hexadecyloxy-2- hydroxyprop-1-yl)- N-(2- hydroxyethyl)pal mitamide	110483-07-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
CETYL PPG-2 ISODECETH-7 CARBOXYLATE	Cetyl Ppg-2 Isodeceth-7 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETYL RICINOLEATE	CETYL RICINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
CETYL STEARATE	CETYL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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CETYL TRIETHYLAMMONIUM DIMETHICONE PEG-8 PHTHALATE	Cetyl Triethylammonium Dimethicone Peg- 8 Phthalate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETYL TRIETHYLMONIUM DIMETHICONE PEG-8 PHTHALATE	Cetyl Triethylmonium Dimethicone Peg- 8 Phthalate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETYL TRIETHYLMONIUM DIMETHICONE PEG-8 SUCCINATE	Cetyl Triethylmonium Dimethicone Peg- 8 Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CETYL-PG HYDROXYETHYL DECANAMIDE	CETYL-PG HYDROXYETHYL DECANAMIDE	143378-76-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETYLAMINE HYDROFLUORIDE	CETYLAMINE HYDROFLUORIDE	3151-59-5	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains Cetylamine hydrofluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
CETYLAMINE HYDROFLUORIDE	CETYLAMINE HYDROFLUORIDE	3151-59-5	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains Cetylamine hydrofluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CETYLAMINE HYDROFLUORIDE	CETYLAMINE HYDROFLUORIDE	3151-59-5	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains Cetylamine hydrofluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
CETYLPYRIDINIUM CHLORIDE	CETYLPYRIDINIU MCHLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in rinse off products (not applied to mucosa).	
CETYLPYRIDINIUM CHLORIDE	CETYLPYRIDINIU MCHLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.01% in products meant to be applied to the mucosa.	
CETYLPYRIDINIUM CHLORIDE	CETYLPYRIDINIU MCHLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1% in leave-on products (not applied to mucosa).	
CHENOPODIUM QUINOA SEED OIL	CHENOPODIUM QUINOA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	
CHLORAMINE T	Chloramine T	127-65-1	The European Commission restricts this ingredient to a maximum concentration of 0.2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CHLORAMINE T	Chloramine T	127-65-1	The European Commission restricts this ingredient to a maximum concentration of 0.2%.	
CHLORAMINE T	CHLORAMINET		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in rinse-off products (not applied to mucosa).	
CHLORAMINE T	CHLORAMINET		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
CHLORAMINE T	CHLORAMINET		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	
CHLORAMINE T	Chloramine T	127-65-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
Chlorcresol			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5%.	
CHLORHEXIDINE	Chlorhexidine	55-56-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.14%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CHLORHEXIDINE	Chlorhexidine		Health Canada restricts this ingredient to a maximum concentration of 0.14% (calculated as chlorhexidine free base), 0.19% (calculated as chlorhexidine diacetate), 0.20% (calculated as chlorhexidine digluconate), and 0.16% (calculated as chlorhexidine dihydrochloride).	
CHLORHEXIDINE	Chlorhexidine		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1% in rinse- off products (not applied to mucosa).	
CHLORHEXIDINE	Chlorhexidine		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5% in products meant to be applied to the mucosa.	
CHLORHEXIDINE	Chlorhexidine		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5% in leave-on products (not applied to mucosa).	
CHLORHEXIDINE	Chlorhexidine	55-56-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
CHLORHEXIDINE DIACETATE	Chlorhexidine diacetate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.19%.	
CHLORHEXIDINE DIGLUCONATE	CHLORHEXIDINE DIGLUCONATE	18472-51-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CHLORHEXIDINE DIGLUCONATE	CHLORHEXIDINE GLUCONATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in products meant to be applied to the mucosa.	
CHLORHEXIDINE DIGLUCONATE	CHLORHEXIDINE GLUCONATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in leave-on products (not applied to mucosa).	
CHLORHEXIDINE DIHYDROCHLORIDE	Chlorhexidine dihydrochloride		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.16%.	
CHLORHEXIDINE DIHYDROCHLORIDE	CHLORHEXIDINE HYDROCHLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinse-off products (not applied to mucosa).	
CHLORHEXIDINE DIHYDROCHLORIDE	CHLORHEXIDINE HYDROCHLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.001% in products meant to be applied to the mucosa.	
CHLORHEXIDINE DIHYDROCHLORIDE	CHLORHEXIDINE HYDROCHLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	
CHLOROACETAMIDE	2- Chloroacetamide	79-07-2	(*) The European Commission restricts this ingredient to a maximum concentration of 0.30%	
CHLOROBUTANOL	Chlorobutanol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CHLOROBUTANOL	Chlorobutanol	57-15-8	(*) The European Commission restricts this ingredient to a maximum concentration of 0.50%	
CHLORODECETH-14	Chlorodeceth-14		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CHLOROPHENE	2-Benzyl-4- chlorophenol	120-32-1	(*) The European Commission restricts this ingredient to a maximum concentration of 0.20%	
CHLOROXYLENOL	CHLOROXYLENO L	1321-23-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
CHLOROXYLENOL	CHLOROXYLENO L	880401321-23- 9	(*) The European Commission restricts this ingredient to a maximum concentration of 0.50%	
CHLORPHENESIN	CHLORPHENESIN		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in rinse-off products (not applied to mucosa).	
CHLORPHENESIN	CHLORPHENESIN		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
CHLORPHENESIN	CHLORPHENESIN		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in leave-on products (not applied to mucosa).	
CHLORPHENESIN	3-(p- Chlorophenoxy)- propane-1,2-diol	104-29-0	(*) The European Commission restricts this ingredient to a maximum concentration of 0.30%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Chlorxylenol			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in rinse-off products (not applied to mucosa).	
Chlorxylenol			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.2% in products meant to be applied to the mucosa.	
Chlorxylenol			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.2% in leave-on products (not applied to mucosa).	
CHOLECALCIFEROL PEG-12 ETHER	Cholecalciferol Peg-12 Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CHOLESTEROL	Cholesterol	57-88-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
CHOLETH-10	Choleth-10	27321-96-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CHOLETH-15	Choleth-15		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CHOLETH-20	Choleth-20	27321-96-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CHOLETH-24	Choleth-20	27321-96-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CHOLETH-24	Choleth-10	27321-96-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CHOLETH-24	CHOLETH-24	27321-96-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CHOLETH-24	CHOLETH-24		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1.3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane.	
CHOLETH-30	Choleth-30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CHOLETH-5	Choleth-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Choleths	Choleths		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CHROMITE (MINERAL)	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CHROMIUM	Chromium, Not Hexavalent	7440-47-3	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
CI 11680	2-[(4-Methyl-2- nitrophenyl)azo]-3- oxo-N- phenylbutyramide		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 11710	2-[(4-Chloro-2- nitrophenyl)azo]-N (2-chlorophenyl)-3- oxobutyramide		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 12010	4-[(4- Ethoxyphenyl)azo] naphthol		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 16230	Disodium 7- hydroxy-8- (phenylazo)naphth alene-1,3- disulphonate		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 16255	ACID RED 18	2611-82-7	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
CI 16255	AKA102	2611-82-7	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
CI 16255	CI 16255	2611-82-7	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CI 18050	Disodium 5- acetylamino-4- hydroxy-3- (phenylazo)naphth alene-2,7- disulphonate		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 21230	2,2'- [Cyclohexylideneb is[(2-methyl-4,1- phenylene)azo]]bi s[4- cyclohexylphenol]		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 42090	FD&C Blue 1	3844-45-9	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
CI 42090	CI 42090	2650-18-2	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
CI 42510	(4-(4- Aminophenyl)(4- iminocyclohexa- 2,5- dienylidene)methy I)-2-methylaniline hydrochloride		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 42520	4-[(4-Amino-m- tolyl)(4-imino-3- methylcyclohexa- 2,5-dien-1- ylidene)methyl]-o- toluidine monohydrochlorid e		(*) The European Commission restricts this ingredient to a maximum concentration of 5 ppm in rinse-off products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CI 42735	Hydrogen [4-[[4- (diethylamino)phe nyl][4-[ethyl[(3- sulphonatobenzyl)) amino]-o- tolyl]methylene]-3- methylcyclohexa- 2,5-dien-1- ylidene](ethyl)(3- sulphonatobenzyl) ammonium, sodium salt		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 44045	[4-[[4-Anilino-1- naphthyl][4- (dimethylamino)p henyl]methylene]c yclohexa-2,5-dien- 1- ylidene]dimethyla mmonium chloride		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 45396	3',6'-Dihydroxy- 4',5'- dinitrospiro[isoben zofuran-1(3H),9'- [9H]xanthene]-3- one		(*) The European Commission restricts this ingredient to a maximum concentration of 1% in lip products	
CI 45405	Dipotassium 3,6- dichloro-2-(2,4,5,7- tetrabromo-6- oxido-3- oxoxanthen-9- yl)benzoate		(*) The European Commission prohibits the use of this ingredient in eye products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CI 62045	ACID BLUE 62	4368-56-3	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
CI 62045	CI 62045	4368-56-3	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
CI 71105	Bisbenzimidazo[2, 1-b:2',1'- i]benzo[Imn][3,8]p henanthroline-8,17- dione		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
CI 74260	Polychloro copper phthalocyanine		(*) The European Commission prohibits the use of this ingredient in eye products.	
CI 75120	Annatto		This ingredient must meet purity criteria as set out in European Commission Directive: Solvent residues Acetone, Methanol, or Hexane not more than 50 ppm singly or in combination; Dichloromethane not more than 10 ppm; Arsenic not more than 3 ppm, Lead	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CI 75130	β-Carotene.		The European Commission restricts the arsenic, lead, mercury, cadmium, and total heavy metal contents of this ingredient to maximum concentrations of 3 ppm, 10 ppm, 1 ppm, 1 ppm, and 40 ppm, respectively.	
CI 75470	Carmine		The European Commission restricts the arsenic, lead, mercury, cadmium, and total heavy metal contents of this ingredient to maximum concentrations of 3 ppm, 10 ppm, 1 ppm, 1 ppm, and 40 ppm, respectively.	
CI 75810	Potassium Sodium Copper Chlorophyllin (chlorophyllin- Copper Complex).		The European Commission restricts the arsenic, lead, mercury, cadmium, and copper contents of this ingredient to maximum concentrations of 3 ppm, 10 ppm, 1 ppm, 1 ppm, and 200 ppm, respectively.	
CI 77000	Aluminum Powder		The European Commission restricts the arsenic, lead, mercury, cadmium, and total heavy metals contents of this ingredient to maximum concentrations of 3 ppm, 10 ppm, 1 ppm, 1 ppm, and 40 ppm, respectively.	
CI 77000	Aluminum	7429-90-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
CI 77004	BENTONITE	1302-78-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8% (up to 80% in mud packs).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CI 77004	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
CI 77266	D&C Black No. 2		The U.S. Food and Drug Administration restricts the lead, arsenic, mercury, polycyclic aromatic hydrocarbons, benzo[a]pyrene, and dibenz[a,h]anthracene contents of this ingredient to maximum concentrations of 10 ppm, 3 ppm, 1 ppm, 500 ppb, 5 ppb, and 5 ppb, respectively.	
CI 77266	Carbon black		The European Commission restricts the nano version of this ingredient to a maximum concentration of 10%. Not to be used in applications that may lead to exposure of the end user's lungs by inhalation	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CI 77266	Carbon black		The European Commission restricts the nano version of this ingredient to a maximum concentration of 10%. Additionally, the nano version of this ingredient may not be used in applications that may lead to exposure of the end-user's lungs by inhalation. The ingredient must also have: Purity > 97 %, with the following impurity profile: Ash content $\leq 0.15$ %, total sulphur $\leq 0.65$ %, total PAH $\leq 500$ ppb and benzo(a)pyrene $\leq 5$ ppb, total arsenic $\leq 3$ ppm, total lead $\leq 10$ ppm, and total mercury $\leq 1$ ppm. The nano version of this ingredient must also have a particle size greater than or equal to 20 nm.	
CI 77499	Iron oxides		The U.S. Food and Drug Administration and European Commission restrict the lead, arsenic, mercury, cadmium, barium, zinc, chromium, copper, and nickel contents of this ingredient to maximum concentrations of 10 ppm, 3 ppm, 1 ppm, 5 ppm, 50 ppm, 100 ppm, 100 ppm, 50 ppm, and 200 ppm, respectively.	
CI 77820	Silver.		The U.S. Food and Drug Administration restricts the lead, arsenic, and mercury content of this ingredient to maximum concentrations of 10 ppm, 5 ppm, and 1 ppm, respectively.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CI 77820	Silver	7440-22-4	Health Canada restricts this ingredient to a maximum concentration of 0.04% in mouthwashes.	Health Canada requires the following warning text on the package/label of products containing silver and/or its salts: - 'This product contains silver and/ or silver salts'; - 'Avoid contact with broken or abraded skin'.
CICHORIUM INTYBUS (CHICORY)	Chicory		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
CICLOPIROX OLAMINE	CICLOPIROX OLAMINE	41621-49-2	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
CINNAMAL	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMAL	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient Alter	rnative name CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
CINNAMAL Cinn. Alde	amic hyde	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.05% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.05% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.05% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.05% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMALDEHYDE DIMETHYL ACETAL	Cinnamic aldehyde dimethyl acetal	4364-06-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.12% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.37% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.2% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.59% in mouthwashes, breath sprays, and toothpastes, 0.06% in intimate wipes, and baby wipes, 0.8% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 4.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CINNAMOMUM AROMATICUM NEES (CASSIA) OIL [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM AROMATICUM NEES (CASSIA) OIL [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM AROMATICUM NEES (CASSIA) OIL [based on the component: CINNAMAL]	Cinnamic Aldehyde	104-55-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.05% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.05% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.05% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.05% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

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CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

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CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
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CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	CINNAMOMUM CAMPHORA FORMOSANA LEAF EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	CINNAMOMUM CAMPHORA FORMOSANA LEAF OIL RECTIFIED	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

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CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	CINNAMOMUM CAMPHORA FORMOSANA ROOT EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
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CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA ROOT OIL	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	CINNAMOMUM CAMPHORA FORMOSANA WOOD EXTRACT	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	CINNAMOMUM CAMPHORA FORMOSANA WOOD OIL	92704-03-5	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

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CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

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CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM LEAF OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M LEAF OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM ROOT OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M ROOT OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM WOOD EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM WOOD EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM WOOD EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM WOOD EXTRACT	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD EXTRACT	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CAMPHORA LINALOOLIFERUM WOOD OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM WOOD OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
CINNAMOMUM CAMPHORA LINALOOLIFERUM WOOD OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CAMPHORA LINALOOLIFERUM WOOD OIL	CINNAMOMUM CAMPHORA LINALOOLIFERU M WOOD OIL	91745-89-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL [based on the component: AMYLCINNAMALDEHYDE]	AMYLCINNAMALD EHYDE	122-40-7		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL [based on the component: AMYLCINNAMALDEHYDE]	AMYLCINNAMALD EHYDE	122-40-7		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL [based on the component: AMYLCINNAMALDEHYDE]	α-Amyl cinnamic aldehyde	122-40-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in lip products, 0.9% in deodorants/antiperspirants, 3.6% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 10.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 5.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 17.1% in mouthwashes, breath sprays, and toothpastes, 1.8% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CASSIA (CINNAMON) LEAF OIL [based on the component: CINNAMAL]	Cinnamic Aldehyde	104-55-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.05% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.05% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.05% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.05% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CASSIA (CINNAMON) OIL [based on the component: AMYLCINNAMALDEHYDE]	AMYLCINNAMALD EHYDE	122-40-7		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CASSIA (CINNAMON) OIL [based on the component: AMYLCINNAMALDEHYDE]	AMYLCINNAMALD EHYDE	122-40-7		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CASSIA (CINNAMON) OIL [based on the component: AMYLCINNAMALDEHYDE]	α-Amyl cinnamic aldehyde	122-40-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in lip products, 0.9% in deodorants/antiperspirants, 3.6% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 10.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 5.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 17.1% in mouthwashes, breath sprays, and toothpastes, 1.8% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CASSIA (CINNAMON) OIL [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM CASSIA (CINNAMON) OIL [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM CASSIA (CINNAMON) OIL [based on the component: CINNAMAL]	Cinnamic Aldehyde	104-55-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.05% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.05% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.05% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.05% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CINNAMOMUM ZEYLANICUM BARK EXTRACT [based on the component: AMYLCINNAMALDEHYDE]	AMYLCINNAMALD EHYDE	122-40-7		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMOMUM ZEYLANICUM BARK EXTRACT [based on the component: AMYLCINNAMALDEHYDE]	AMYLCINNAMALD EHYDE	122-40-7		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMOMUM ZEYLANICUM BARK EXTRACT [based on the component: AMYLCINNAMALDEHYDE]	α-Amyl cinnamic aldehyde	122-40-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in lip products, 0.9% in deodorants/antiperspirants, 3.6% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 10.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 5.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 17.1% in mouthwashes, breath sprays, and toothpastes, 1.8% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMONITRILE	Cinnamyl nitrile	1885-38-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.13% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.13% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.13% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 0.13% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.13% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMONITRILE	Cinnamyl nitrile	4360-47-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.13% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.13% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.13% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 0.13% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.13% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CINNAMONUM CASSIA (CINNAMON) [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMONUM CASSIA (CINNAMON) [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMONUM CASSIA (CINNAMON) [based on the component: CINNAMAL]	Cinnamic Aldehyde	104-55-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.05% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.05% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.05% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.05% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMONUM CASSIA (CINNAMON) BARK [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMONUM CASSIA (CINNAMON) BARK [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMONUM CASSIA (CINNAMON) BARK [based on the component: CINNAMAL]	Cinnamic Aldehyde	104-55-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.05% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.05% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.05% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.05% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CINNAMONUM CASSIA (CINNAMON) BARK EXTRACT [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMONUM CASSIA (CINNAMON) BARK EXTRACT [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMONUM CASSIA (CINNAMON) BARK EXTRACT [based on the component: CINNAMAL]	Cinnamic Aldehyde	104-55-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.05% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.05% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.05% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.05% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMONUM CASSIA (CINNAMON) OIL [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMONUM CASSIA (CINNAMON) OIL [based on the component: CINNAMAL]	Cinnamal	104-55-2		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMONUM CASSIA (CINNAMON) OIL [based on the component: CINNAMAL]	Cinnamic Aldehyde	104-55-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.05% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.05% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.05% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.05% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.05% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos,	
CINNAMYL ALCOHOL	Cinnamyl alcohol	104-54-1	conditioners, etc.).	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINNAMYL ALCOHOL	Cinnamyl alcohol	104-54-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CINNAMYL ALCOHOL	Cinnamic alcohol	104-54-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.09% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.4% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.2% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 0.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.4% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CINOXATE	Cinoxate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CINOXATE	Cinoxate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in leave-on products (not applied to mucosa).	
cis-ROSE KETONE-2	CIS-ROSE KETONE-2	23726-92-3	The European Commission restricts this ingredient to a maximum concentration of 0.02% in non-oral products.	
cis-ROSE KETONE-2	Rose ketones	23726-92-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRAL	citral	5392-40-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRAL	citral	5392-40-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRAL	citral	5392-40-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.3% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRIC ACID	CITRICACID	77-92-9	Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5 of final formulation. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a final pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
CITRONELLOL	Citronellol	106-22-9		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRONELLOL	Citronellol	106-22-9		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRONELLOL	Citronellol	106-22-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions * Labels Must Bear These Warnings
CITRONELLOL	Citronellol	1117-61-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

Substance/Ingredient Alternative name CAS EWG VERIFI	ED™ Product Restrictions * Labels Must Bear These Warnings
CITRONELLOL Citronellol 26489-01-0 The Internati restricts this concentratio 1.1% in deodc in hydroalcol recently shav creams and I baby creams hydroalcohol unshaved ski sprays, hair s body creams care product creams and I facial masks sanitizers, an mouthwashe toothpastes, baby wipes, non-spray ha products, po 5% in bath pi soap, bath gi depilatories, conditioners,	onal Fragrance Association ingredient to a maximum n of 0.8% in lip products, prants/antiperspirants, 4.4% holic products applied to ved skin, men's facial balms, eye products, and s, lotions and oils, 13.3% in lic products applied to in (e.g. perfume), body styling aids and sprays, s, oils and lotions, and foot ts, 7% in women's facial makeup, hand creams, , baby powder, wipes, hand ad dry shampoos, 21.4% in es, breath sprays, and 2.2% in intimate wipes, and 2% in makeup removers, air styling aids, nail wders, and hair dyes, and roducts (bar and liquid els, body washes, facial cleansers, shampoos,

e name CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
6812-78-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 11% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos,
	e name CAS 6812-78-8

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRONELLOL	Citronellol	141-25-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient Alternative name CAS EWG VERIFIED™ Product Restrictions * Labels Must Bear These Wa	rnings
CITRONELLOL Citronellol 68916-43-8 The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams, and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in initimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRONELLOL	Citronellol	7540-51-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CITRULLUS LANATUS (WATERMELON) SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
CITRULLUS LANATUS SEED OIL	CITRULLUS LANATUS (WATERMELON) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AMARA (NEROLI) FLOWER OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AMYGDALUS DULCIS (SWEET ORANGE) SEED OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS ARANTIUM DULCIS FLOWER OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AURANIUM BERGAMIA (BERGAMOT) FRUIT OIL	Bergamot oil expressed		The International Fragrance Association restricts this ingredient to a maximum concentration of 0.4% in leave-on products	
CITRUS AURANIUM BERGAMIA (BERGAMOT) FRUIT OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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CITRUS AURANIUM BERGAMIA (BERGAMOT) FRUIT OIL	CITRUS AURANTIUM BERGAMIA (BERGAMOT) FRUIT OIL	8007-75-8	The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIFOLIA (LIME) FRUIT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT	CITRUS AURANTIFOLIA	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT	CITRUS AURANTIFOLIA (LIME) FRUIT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT	CITRUS AURANTIFOLIA (LIME) FRUIT		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) FRUIT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) JUICE	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA LEAF OIL	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	CITRUS AURANTIFOLIA PEEL POWDER	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) FRUIT EXTRACT	Citrus Aurantifolia (lime) Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIFOLIA (LIME) FRUIT OIL	CITRUS AURANTIFOLIA (LIME) OIL	8008-26-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) FRUIT OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AURANTIFOLIA (LIME) FRUIT OIL	Lime oil expressed	8008-26-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in leave-on products	
CITRUS AURANTIFOLIA (LIME) FRUIT OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIFOLIA (LIME) FRUIT OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIFOLIA (LIME) FRUIT OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Citrus Aurantifolia (lime) Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) JUICE	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) JUICE	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) JUICE	CITRUS AURANTIFOLIA (LIME) JUICE	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) JUICE	CITRUS AURANTIFOLIA (LIME) JUICE		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) LEAF OIL	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) LEAF OIL	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) LEAF OIL	CITRUS AURANTIFOLIA LEAF OIL	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) LEAF OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) OIL	CITRUS AURANTIFOLIA (LIME) OIL	8008-26-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AURANTIFOLIA (LIME) OIL	Lime oil expressed	8008-26-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in leave-on products	
CITRUS AURANTIFOLIA (LIME) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIFOLIA (LIME) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIFOLIA (LIME) PEEL	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL	CITRUS AURANTIFOLIA (LIME) PEEL	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL	CITRUS AURANTIFOLIA (LIME) PEEL		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIFOLIA (LIME) PEEL OIL	CITRUS AURANTIFOLIA (LIME) OIL	8008-26-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA (LIME) PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AURANTIFOLIA (LIME) PEEL OIL	Lime oil expressed	8008-26-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in leave-on products	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA (LIME) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIFOLIA (LIME) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIFOLIA (LIME) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Citrus Aurantifolia (Lime) Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Aurantifolia (Lime) Peel Water			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Aurantifolia (Lime)/Citrus Limon (Lemon) Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIFOLIA PEEL POWDER	CITRUS AURANTIFOLIA (LIME) EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA PEEL POWDER	CITRUS AURANTIFOLIA (LIME) PEEL EXTRACT	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIFOLIA PEEL POWDER	CITRUS AURANTIFOLIA PEEL POWDER	90063-52-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) FLOWER WATER	Bitter Orange Peel Oil Expressed	68916-04-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.25% in leave-on products	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FRUIT EXTRACT	Bitter Orange Peel Oil Expressed	72968-50-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.25% in leave-on products	
CITRUS AURANTIUM AMARA (BITTER ORANGE) FRUIT EXTRACT	Citrus Aurantium Amara (Bitter Orange) Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM AMARA (BITTER ORANGE) FRUIT EXTRACT [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) FRUIT EXTRACT [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) FRUIT EXTRACT [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Citrus Aurantium Amara (Bitter Orange) Fruit Juice Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) LEAF/TWIG EXTRACT	Bitter Orange Peel Oil Expressed	68916-04-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.25% in leave-on products	
CITRUS AURANTIUM AMARA (BITTER ORANGE) LEAF/TWIG OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL	Bitter Orange Peel Oil Expressed	68916-04-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.25% in leave-on products	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL	Citrus Aurantium Amara (Bitter Orange) Peel		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL EXTRACT	Citrus Aurantium Amara (Bitter Orange) Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL EXTRACT [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL EXTRACT [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL EXTRACT [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL POWDER	Bitter Orange Peel Oil Expressed	68916-04-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.25% in leave-on products	
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL POWDER	Citrus Aurantium Amara (Bitter Orange) Peel Powder		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM AMARA (BITTER ORANGE) PEEL WATER	Bitter Orange Peel 7 Oil Expressed	72968-50-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 1.25% in leave-on products	
CITRUS AURANTIUM BERGAMIA (BERGAMOT) FRUIT EXTRACT	Citrus Aurantium Bergamia (Bergamot) Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM BERGAMIA (BERGAMOT) FRUIT WATER	Citrus Aurantium Bergamia (Bergamot) Fruit Water		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM BERGAMIA (BERGAMOT) LEAF OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AURANTIUM BERGAMIA (BERGAMOT) PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Aurantium Bergamia (Bergamot) Peel Water			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM DULCIS (ORANGE) FLOWER OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AURANTIUM DULCIS (ORANGE) FRUIT EXTRACT	Citrus Aurantium Dulcis (orange) Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Aurantium Dulcis (orange) Fruit Powder			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER	Citrus Aurantium Dulcis (orange) Fruit Water		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) JUICE	Citrus Aurantium Dulcis (orange) Juice		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM DULCIS (ORANGE) OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM DULCIS (ORANGE) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) PEEL EXTRACT	Citrus Aurantium Dulcis (Orange) Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL EXTRACT	Citrus Aurantium Sinensis Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM DULCIS (ORANGE) PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS AURANTIUM DULCIS (ORANGE) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS AURANTIUM DULCIS (ORANGE) PEEL POWDER	Citrus Aurantium Dulcis (Orange) Peel Powder		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS AURANTIUM DULCIS (ORANGE) PEEL WAX	Citrus Aurantium Dulcis (Orange) Peel Wax		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS AURANTIUM DULCIS (ORANGE) WOOD OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
Citrus Aurantium Sinensis (orange) Fiber			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS CLEMENTINA FRUIT EXTRACT	Citrus Clementina Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS CLEMENTINA JUICE	Citrus Clementina Juice		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS DEPRESSA FRUIT EXTRACT	Citrus Depressa Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Depressa Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Depressa Peel Extract			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Depressa Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS GLAUCA FRUIT EXTRACT	Citrus Glauca Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS GRANDIS (GRAPEFRUIT) [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER	CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER	CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
Citrus Grandis (grapefruit) Fruit/peel Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS GRANDIS (GRAPEFRUIT) JUICE	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) JUICE	CITRUS GRANDIS (GRAPEFRUIT) JUICE	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) JUICE	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) JUICE	CITRUS PARADISI (GRAPEFRUIT) SEED EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) JUICE	CITRUS GRANDIS (GRAPEFRUIT) JUICE		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS GRANDIS (GRAPEFRUIT) JUICE [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) JUICE [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) JUICE [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS (GRAPEFRUIT) LEAF EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) LEAF EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) LEAF EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) LEAF EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) LEAF EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS GRANDIS (GRAPEFRUIT) LEAF EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) LEAF EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS (GRAPEFRUIT) OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS GRANDIS (GRAPEFRUIT) OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS GRANDIS (GRAPEFRUIT) OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) OIL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS (GRAPEFRUIT) PEEL	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL	CITRUS GRANDIS (GRAPEFRUIT) PEEL	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL	CITRUS GRANDIS (GRAPEFRUIT) PEEL		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) PEEL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS GRANDIS (GRAPEFRUIT) PEEL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS PARADISI (GRAPEFRUIT) JUICE	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	Grapefruit oil expressed	8016-20-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 4% in leave-on products	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	

Suk	ostance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CIT (GF	RUS GRANDIS RAPEFRUIT) PEEL POWDER	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CIT (GF	RUS GRANDIS RAPEFRUIT) PEEL POWDER	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CIT (GF	RUS GRANDIS RAPEFRUIT) PEEL POWDER	CITRUS GRANDIS (GRAPEFRUIT) PEEL POWDER	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CIT (GF	RUS GRANDIS RAPEFRUIT) PEEL POWDER	CITRUS GRANDIS (GRAPEFRUIT) PEEL POWDER		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CIT (GF [ba LIM	RUS GRANDIS RAPEFRUIT) PEEL POWDER ised on the component: IONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) PEEL POWDER [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) PEEL POWDER [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) FRUIT WATER	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) JUICE	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) LEAF EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL POWDER	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS PARADISI (GRAPEFRUIT) SEED EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT	Citrus Grandis (Grapefruit) Seed Extract	90045-43-5	This ingredient cannot contain triclosan, quaternary ammonium compounds, or parabens.	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) SEED EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS (GRAPEFRUIT) SEED OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS GRANDIS (GRAPEFRUIT) SEED OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS GRANDIS (GRAPEFRUIT) SEED OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS GRANDIS (GRAPEFRUIT) SEED OIL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS GRANDIS/PARADISI FRUIT WATER	CITRUS GRANDIS/PARADI SI FRUIT WATER		The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS GRANDIS/PARADISI FRUIT WATER	CITRUS GRANDIS/PARADI SI FRUIT WATER		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Hassaku Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Hassaku/natsudaidai Fruit Juice			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Hassaku/natsudaidai Fruit Powder			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Hassaku/Natsudaidai Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS HYSTRIX LEAF OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS HYSTRIX PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
Citrus Iyo Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Iyo Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Iyo Peel Extract			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Iyo Peel Water			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS JABARA JUICE	Citrus Jabara Juice		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS JABARA PEEL EXTRACT	Citrus Jabara Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Jabara Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Jabara Peel Water			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS JAPONICA FRUIT EXTRACT	Citrus Japonica Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS JUNOS FRUIT EXTRACT	Citrus Junos Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Junos Fruit Juice			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Junos Fruit Oil			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS JUNOS FRUIT POWDER	Citrus Junos Fruit Powder		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Junos Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus junos oil	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS JUNOS PEEL EXTRACT	Citrus Junos Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS JUNOS PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
Citrus Junos Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS JUNOS PEEL WATER	Citrus Junos Peel Water		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Leaf and Peel Extracts [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Citrus Leaf and Peel Extracts [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Citrus Leaf and Peel Extracts [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS LIMON (LEMON) FRUIT EXTRACT	CITRUS LIMON (LEMON) FRUIT EXTRACT	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) FRUIT EXTRACT	CITRUS MEDICA LIMONUM (LEMON) EXTRACT	84929-31-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS LIMON (LEMON) FRUIT EXTRACT	CITRUS LIMON (LEMON) FRUIT EXTRACT		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS LIMON (LEMON) FRUIT OIL	CITRUS MEDICA LIMONUM (LEMON) FRUIT OIL	8008-56-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) FRUIT OIL	CITRUS MEDICA LIMONUM (LEMON) FRUIT OIL	8008-56-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) FRUIT OIL	CITRUS MEDICA LIMONUM (LEMON) PEEL OIL	8008-56-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS LIMON (LEMON) FRUIT OIL	CITRUS MEDICA LIMONUM (LEMON) PEEL OIL	8008-56-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) FRUIT OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS LIMON (LEMON) FRUIT OIL	Lemon oil cold pressed	8008-56-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 2% in leave-on products	
CITRUS LIMON (LEMON) FRUIT OIL	Citrus Limon (lemon) Fruit Oil		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Limon (lemon) Fruit Powder			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS LIMON (LEMON) FRUIT WATER	CITRUS LIMON (LEMON) FRUIT WATER	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) FRUIT WATER	CITRUS LIMON (LEMON) FRUIT WATER		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS LIMON (LEMON) JUICE	CITRUS LIMON (LEMON) JUICE	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) JUICE	CITRUS LIMON (LEMON) JUICE		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS LIMON (LEMON) JUICE [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS LIMON (LEMON) JUICE [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS LIMON (LEMON) JUICE [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS LIMON (LEMON) JUICE EXTRACT	CITRUS LIMON (LEMON) JUICE EXTRACT	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) JUICE EXTRACT	CITRUS LIMON (LEMON) JUICE EXTRACT		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Limon (lemon) Juice Powder			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS LIMON (LEMON) LEAF OIL	CITRUS LIMON LEAF OIL	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) LEAF OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS LIMON (LEMON) PEEL	Citrus Limon (Lemon) Peel		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS LIMON (LEMON) PEEL EXTRACT	CITRUS LIMON (LEMON) FRUIT EXTRACT	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS LIMON (LEMON) PEEL EXTRACT	CITRUS LIMON (LEMON) FRUIT WATER	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) PEEL EXTRACT	CITRUS LIMON (LEMON) JUICE	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) PEEL EXTRACT	CITRUS LIMON (LEMON) JUICE EXTRACT	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) PEEL EXTRACT	CITRUS LIMON LEAF OIL	92346-89-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS LIMON (LEMON) PEEL EXTRACT	Citrus Limon (Lemon) Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS LIMON (LEMON) PEEL OIL	CITRUS MEDICA LIMONUM (LEMON) PEEL OIL	8008-56-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) PEEL OIL	CITRUS MEDICA LIMONUM (LEMON) PEEL OIL	8008-56-8	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS LIMON (LEMON) PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS LIMON (LEMON) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS LIMON (LEMON) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS LIMON (LEMON) PEEL OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Citrus Limon (Lemon) Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS LIMON (LEMON) PEEL POWDER [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS LIMON (LEMON) PEEL POWDER [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS LIMON (LEMON) PEEL POWDER [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Limon (Lemon) Peel Water			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Limon (Lemon) Peel Wax			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS LIMON (LEMON) SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 6%	
CITRUS LIMON (LEMON) SEED OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
Citrus Madurensis Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS MADURENSIS FRUIT JUICE	Citrus Madurensis Fruit Juice		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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CITRUS MEDICA ACIDA PEEL OIL EXPRESSED	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
Citrus Natsudaidai Peel Extract			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Nobilis (Mandarin Orange) Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS OIL EXTRACT	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS PARADISI (GRAPEFRUIT) [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) EXRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) EXRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) EXRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) FLAVOR [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) FLAVOR [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) FLAVOR [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT	CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT	CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) FRUIT EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) FRUIT OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS PARADISI (GRAPEFRUIT) FRUIT OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) FRUIT OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) FRUIT OIL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
Citrus Paradisi (grapefruit) Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) JUICE	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI (GRAPEFRUIT) JUICE	CITRUS PARADISI (GRAPEFRUIT) JUICE	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI (GRAPEFRUIT) JUICE	CITRUS PARADISI (GRAPEFRUIT) JUICE		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS PARADISI (GRAPEFRUIT) JUICE [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) JUICE [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) JUICE [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS PARADISI (GRAPEFRUIT) OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) OIL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) PEEL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) PEEL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) PEEL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) PEEL EXTRACT	Citrus Paradisi (Grapefruit) Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS PARADISI (GRAPEFRUIT) PEEL EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) PEEL EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) PEEL EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS PARADISI (GRAPEFRUIT) PEEL OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) PEEL OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) PEEL OIL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) PULP [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) PULP [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) PULP [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) SEED [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) SEED [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) SEED [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) SEED EXTRACT	CITRUS PARADISI (GRAPEFRUIT) SEED EXTRACT	90045-43-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI (GRAPEFRUIT) SEED EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI (GRAPEFRUIT) SEED EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) SEED EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
CITRUS PARADISI (GRAPEFRUIT) SEED OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS PARADISI (GRAPEFRUIT) SEED OIL	CITRUS PARADISI (GRAPEFRUIT) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 20%	
CITRUS PARADISI (GRAPEFRUIT) SEED OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS PARADISI (GRAPEFRUIT) SEED OIL [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CITRUS PARADISI (GRAPEFRUIT) SEED OIL [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI PEEL OIL	CITRUS GRANDIS (GRAPEFRUIT) PEEL OIL	8016-20-4	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI,X C. RETICULATA PEEL EXTRACT	CITRUS PARADISI,X C. RETICULATA PEEL EXTRACT	93763-95-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI,X C. RETICULATA PEEL EXTRACT	CITRUS PARADISI,X C. RETICULATA PEEL EXTRACT	93763-95-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI,X C. RETICULATA PEEL EXTRACT	CITRUS PARADISI,X C. RETICULATA PEEL OIL EXPRESSED	93763-95-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI,X C. RETICULATA PEEL EXTRACT	CITRUS PARADISI,X C. RETICULATA PEEL OIL EXPRESSED	93763-95-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI,X C. RETICULATA PEEL OIL EXPRESSED	CITRUS PARADISI,X C. RETICULATA PEEL EXTRACT	93763-95-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI,X C. RETICULATA PEEL OIL EXPRESSED	CITRUS PARADISI,X C. RETICULATA PEEL OIL EXPRESSED	93763-95-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS PARADISI,X C. RETICULATA PEEL OIL EXPRESSED	CITRUS PARADISI,X C. RETICULATA PEEL OIL EXPRESSED	93763-95-2	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS PARADISI,X C. RETICULATA PEEL OIL EXPRESSED	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS RETICULATA	Citrus Tangerina (tangerine) Fruit		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Reticulata (tangerine) Fruit			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Reticulata (tangerine) Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Reticulata (tangerine) Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Reticulata (Tangerine) Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS RETICULATA FRUIT EXTRACT	CITRUS RETICULATA (MANDARIN ORANGE) FRUIT EXTRACT	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA FRUIT EXTRACT	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA FRUIT EXTRACT	Citrus Medica Vulgaris Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS RETICULATA FRUIT EXTRACT	Citrus Nobilis (mandarin Orange) Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA FRUIT EXTRACT	Citrus Nobilis (Mandarin Orange) Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS RETICULATA FRUIT OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA FRUIT OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS RETICULATA FRUIT OIL	Citrus Unshiu Fruit Oil		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS RETICULATA FRUIT OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA FRUIT OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS RETICULATA FRUIT OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS RETICULATA JUICE	Citrus Nobilis (mandarin Orange) Fruit Juice		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS RETICULATA LEAF OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA LEAF OIL	Citrus reticulata leaf oil	8014-17-3	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA LEAF OIL	CITRUSRETICULAT ALEAFOIL	8014-17-3	Health Canada restricts this ingredient to a maximum concentration of 0.1% in leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA LEAF OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS RETICULATA LEAF OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS RETICULATA LEAF OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS RETICULATA LEAF OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS RETICULATA OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS RETICULATA OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS RETICULATA OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CITRUS RETICULATA OIL [based on the component: d- Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Citrus reticulata peel	Citrus Tangerina (Tangerine) Peel		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA PEEL EXTRACT	CITRUS RETICULATA (MANDARIN ORANGE) PEEL EXTRACT	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL EXTRACT	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL EXTRACT	Citrus Aurantium Tachibana Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS RETICULATA PEEL EXTRACT	Citrus Reticulata (Tangerine) Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS RETICULATA PEEL EXTRACT	Citrus Unshiu Peel Extract		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA PEEL OIL	CITRUS RETICULATA (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL OIL	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL OIL	CITRUS RETICULATA PEEL POWDER	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA PEEL OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS RETICULATA PEEL POWDER	CITRUS NOBILIS (MANDARIN ORANGE) PEEL OIL	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL POWDER	CITRUS RETICULATA PEEL POWDER	8008-31-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA PEEL POWDER	Citrus Unshiu Peel Powder		The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA,X C. SINENSIS PEEL EXTRACT	CITRUS RETICULATA,X C. SINENSIS PEEL EXTRACT	93686-22-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA,X C. SINENSIS PEEL EXTRACT	CITRUS RETICULATA,X C. SINENSIS PEEL EXTRACT	93686-22-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA,X C. SINENSIS PEEL EXTRACT	CITRUS RETICULATA,X C. SINENSIS PEEL OIL EXPRESSED	93686-22-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA,X C. SINENSIS PEEL EXTRACT	CITRUS RETICULATA,X C. SINENSIS PEEL OIL EXPRESSED	93686-22-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CITRUS RETICULATA,X C. SINENSIS PEEL OIL EXPRESSED	CITRUS RETICULATA,X C. SINENSIS PEEL EXTRACT	93686-22-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA,X C. SINENSIS PEEL OIL EXPRESSED	CITRUS RETICULATA,X C. SINENSIS PEEL OIL EXPRESSED	93686-22-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA,X C. SINENSIS PEEL OIL EXPRESSED	CITRUS RETICULATA,X C. SINENSIS PEEL OIL EXPRESSED	93686-22-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CITRUS RETICULATA,X C. SINENSIS PEEL OIL EXPRESSED	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS SEED OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
Citrus Shunkokan Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Shunkokan Peel Extract			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Sinensis (orange) Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Sinensis (orange) Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CITRUS SPECIES LEAF OIL	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
CITRUS SPECIES PEEL OIL EXPRESSED	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
Citrus Sphaerocarpa Fruit Juice			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Sudachi Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Sudachi Fruit Juice			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Sunki Peel Extract			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tachibana/reticulata Fruit Juice			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tachibana/Reticulata Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tamurana Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tangelo Fruit Juice			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tangelo Fruit Powder			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Tangelo Peel Powder			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tangerina (tangerine) Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tangerina (Tangerine) Peel Extract			The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tankan Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Tankan Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Unshiu Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Citrus Unshiu Fruit Juice			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Unshiu Fruit Juice Ferment Extract Filtrate			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Unshiu Fruit Powder			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Unshiu Fruit Water			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
CITRUS UNSHIU/CITRUS RETICULATA/CITRUS IYO FRUIT WATER			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Citrus Unshiu/sinensis/reticulata Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Clay fabric softeners	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
CLAY MINERALS	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
Clays	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
CLIMBAZOLE	1-(4- Chlorophenoxy)-1- (imidazol-1-yl)-3,3- dimethylbutan-2- one	38083-17-9	(*) The European Commission restricts this ingredient to a maximum concentration of 0.50%	
CLOFLUCARBAN	Halocarban		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in products meant to be applied to the mucosa.	
CLOFLUCARBAN	Halocarban		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
COAL LIQUIDS, LIQ. SOLVENT EXTN.	Coal liquids, liq. solvent extn.	94114-48-4	The European Commission bans this ingredient from use in cosmetics if it contains over 0.005% w/w benzo[a]pyrene	
COAL LIQUIDS, LIQ. SOLVENT EXTN. SOLN.	Coal liquids, liq. solvent extn. soln.	94114-47-3	The European Commission bans this ingredient from use in cosmetics if it contains over 0.005% w/w benzo[a]pyrene	
COBALT	cobalt	7440-48-4	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
COCAMIDE DEA	COCAMIDE DEA	68603-42-9	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
COCAMIDE DEA	COCAMIDE DEA	68603-42-9	The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
COCAMIDE DIPA	COCAMIDE DIPA		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
COCAMIDOPROPYL BETAINAMIDE MEA CHLORIDE	COCAMIDOPROP YL BETAINAMIDE MEA CHLORIDE		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
COCAMIDOPROPYL BETAINE	COCAMIDOPROP YL BETAINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%	
COCAMIDOPROPYL BETAINE	COCAMIDOPROP YL BETAINE	86438-79-1	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
COCAMIDOPROPYL DIMETHYLAMINE	Cocamidopropyl Dimethylamine	68140-01-2	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
COCAMIDOPROPYLAMINE OXIDE	COCAMIDOPROP YLAMINE OXIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
COCAMIDOPROPYLAMINE OXIDE	COCAMIDOPROP YLAMINE OXIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4% in rinse-off products.	
COCAMINE	COCAMINE	61788-46-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
COCETH-7	COCETH-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
COCO GLYCERIDES			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
coco methyl ester ethoxylate	Coco Methyl Ester Ethoxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
COCO/OLEAMIDOPROPYL BETAINE	coco/oleamidopro pyl betaine		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
COCO/SUNFLOWERAMIDOPR OPYL BETAINE	COCO/SUNFLOW ERAMIDOPROPYL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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coco/sunfloweramiodpropyl betaine			The Cosmetic Ingredient Review panel reccomends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% i	
COCOAMPHOACETATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
COCODIMONIUM HYDROXYPROPYL HYDROLYZED RICE PROTEIN	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
COCOGLYCERIDES	COCOGLYCERIDE S		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.	
COCONUT ALCOHOL	COCONUT ALCOHOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.9%.	
COCONUT FATTY ACID	Coconut Acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.	
COCONUT OIL ALCOHOL, ETHOXYLATED	Coconut Oil Alcohol, Ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
COCONUT OIL PEG-10 ESTERS	Coconut Oil Peg- 10 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
COCONUT OIL PPG-2-PEG-6 ESTERS	Coconut Oil Ppg-2 Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
COCOYL GLUTAMIC ACID	Cocoyl glutamic acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 24%	
COCOYL SARCOSINE	COCOYL SARCOSINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products.	
COLLAGEN	HYDROLYZED COLLAGEN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
COLLOIDAL CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
COLLOIDAL KAOLIN	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
COLOSTRUM	Colostrum		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	
COMMIPHORA ERYTHREA GLABRESCENS GUM EXTRACT	COMMIPHORA ERYTHREA GLABRESCENS GUM OIL	93686-00-1	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
COMMIPHORA ERYTHREA GLABRESCENS GUM EXTRACT	COMMIPHORA ERYTHREA GLABRESCENS GUM EXTRACT	93686-00-1	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
COMMIPHORA ERYTHREA GLABRESCENS GUM EXTRACT	COMMIPHORA ERYTHREA GLABRESCENS GUM EXTRACT	93686-00-1	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
COMMIPHORA ERYTHREA GLABRESCENS GUM OIL	COMMIPHORA ERYTHREA GLABRESCENS GUM OIL	93686-00-1	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
COMMIPHORA ERYTHREA GLABRESCENS GUM OIL	COMMIPHORA ERYTHREA GLABRESCENS GUM OIL	93686-00-1	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
COMMIPHORA ERYTHREA GLABRESCENS GUM OIL	COMMIPHORA ERYTHREA GLABRESCENS GUM EXTRACT	93686-00-1	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
COMMIPHORA ERYTHREA GLABRESCENS GUM OIL	COMMIPHORA ERYTHREA GLABRESCENS GUM EXTRACT	93686-00-1	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
COPERNICIA CERIFERA (CARNAUBA) WAX	Copernicia cerifera (carnauba) wax		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	
Copper tripeptide-1/bis tripeptide-1 copper acetate			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.002%	
CORIANDRUM SATIVUM (CORIANDER) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CORIANDRUM SATIVUM (CORIANDER) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CORIANDRUM SATIVUM (CORIANDER) OIL [based on the component: d-Limonene]	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CORIANDRUM SATIVUM (CORIANDER) OIL [based on the component: GERANIOL]	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CORIANDRUM SATIVUM (CORIANDER) OIL [based on the component: GERANIOL]	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CORIANDRUM SATIVUM (CORIANDER) OIL [based on the component: GERANIOL]	Geraniol	106-24-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.3% in lip products, 0.4% in deodorants/antiperspirants, 1.8% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 5.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 8.6% in mouthwashes, breath sprays, and toothpastes, 0.9% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CORN OIL PEG-6 ESTERS	Corn Oil Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CORN OIL PEG-8 ESTERS	Corn Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
CORN STARCH/ ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER	CORN STARCH/ ACRYLAMIDE/ SODIUM ACRYLATE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
CORNAMIDE DEA	CORNAMIDE DEA		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CORNAMIDE DEA	CORNAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
CORNAMIDE/COCAMIDE DEA	Cornamide/cocam ide DEA		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
CORNAMIDE/COCAMIDE DEA	Cornamide/cocam ide DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
COSO GREEN CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
COTTONSEED GLYCERIDE	COTTONSEED GLYCERIDE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: gossypol, heavy metals, and pesticides.	
COUMARIN	Coumarin	91-64-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
COUMARIN	Coumarin	91-64-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
COUMARIN	Coumarin	91-64-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.13% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.5% in mouthwashes, breath sprays, and toothpastes, 0.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CREOSOTE OIL, HIGH-BOILING DISTILLATE	CREOSOTE OIL, HIGH-BOILING DISTILLATE	70321-79-8	The European Commission bans this ingredient from use in cosmetics if it contains over 0.005% w/w benzo[a]pyrene	
CUCURBITA PEPO (PUMPKIN) SEED OIL	CUCURBITA PEPO (PUMPKIN) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.1%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CUMINALDEHYDE	CUMINALDEHYDE	122-03-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.17% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.26% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.11% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CUMINUM CYMINUM (CUMIN) SEED EXTRACT	CUMINUM CYMINUM (CUMIN) SEED EXTRACT	84775-51-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CUMINUM CYMINUM (CUMIN) SEED EXTRACT	CUMINUM CYMINUM (CUMIN) SEED EXTRACT	84775-51-9	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
CUMINUM CYMINUM (CUMIN) SEED EXTRACT	CUMINUM CYMINUM (CUMIN) SEED EXTRACT	84775-51-9	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as cumin oil) in leave-on products.	
CUMINUM CYMINUM (CUMIN) SEED EXTRACT	CUMINUM CYMINUM (CUMIN) SEED EXTRACT	84775-51-9	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as cumin oil) in leave-on products.	
CUMINUM CYMINUM (CUMIN) SEED EXTRACT	CUMINUM CYMINUM (CUMIN) SEED EXTRACT	84775-51-9	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as cumin oil) in leave-on products.	
CUMINUM CYMINUM (CUMIN) SEED EXTRACT	CUMINUM CYMINUM SEED POWDER	84775-51-9	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as cumin oil) in leave-on products.	
CUMINUM CYMINUM (CUMIN) SEED OIL	CUMINUM CYMINUM (CUMIN) SEED EXTRACT	84775-51-9	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as cumin oil) in leave-on products.	
CUMINUM CYMINUM (CUMIN) SEED OIL	CUMINUM CYMINUM (CUMIN) SEED OIL	8014-13-9	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as cumin oil) in leave-on products.	
CUMINUM CYMINUM (CUMIN) SEED OIL	Cumin oil	8014-13-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.4% in leave-on products	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CUMINUM CYMINUM SEED POWDER	CUMINUM CYMINUM (CUMIN) SEED EXTRACT	84775-51-9	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as cumin oil) in leave-on products.	
CUMINUM CYMINUM SEED POWDER	CUMINUM CYMINUM SEED POWDER	84775-51-9	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as cumin oil) in leave-on products.	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
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CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
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CUPRESSUS SEMPERVIRENS	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS BARK EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
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CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS	CUPRESSUS SEMPERVIRENS LEAF WATER	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) OIL	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) OIL	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) OIL	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) OIL	8013-86-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) OIL	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) OIL	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) OIL	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS BARK EXTRACT	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS BARK EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS BARK EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS BARK EXTRACT	CUPRESSUS SEMPERVIRENS BARK EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CUPRESSUS SEMPERVIRENS BARK EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS BARK EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS LEAF WATER	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS LEAF WATER	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS LEAF WATER	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS LEAF WATER	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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CUPRESSUS SEMPERVIRENS LEAF WATER	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS LEAF WATER	CUPRESSUS SEMPERVIRENS LEAF WATER	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPRESSUS SEMPERVIRENS SEED EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CUPUASSUAMIDOPROPYL BETAINE	cupuassuamidopr opyl betaine	657350-94-2	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
CUTANEOUS LYSATE	Cutaneous Lysate		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CYAMOPSIS TETRAGONOLOBA (GUAR) GUM	Cyamopsis tetragonoloba (guar) gum		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in leave-on products and 5% in rinse-off products.	
CYANOACRYLATE	Cyanoacrylate		Health Canada requires manufacturers of adhesives used in the area of the eye for the application of false eyelashes to submit the following information: - Description of training method; - Submission of all training materials; - Description of measures taken by notifying company to limit the sale and access of the product to qualified and trained individuals.	Health Canada requires the following warning text on the product package/label: - 'WARNING. BONDS SKIN INSTANTLY. AVOID CONTACT WITH EYES, MOUTH AND SKIN. KEEP AWAY FROM CHILDREN'; - 'Eyelid bonding: consult a physician.'; - 'Skin bonding: soak and ease apart gently'; - 'Not for use in the area of the eye.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CYCLAMEN ALDEHYDE	CYCLAMEN ALDEHYDE	103-95-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.67% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.28% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CYMBOPOGON (LEMON GRASS) OIL [based on the component: CITRAL]	citral	5392-40-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CYMBOPOGON (LEMON GRASS) OIL [based on the component: CITRAL]	citral	5392-40-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CYMBOPOGON (LEMON GRASS) OIL [based on the component: CITRAL]	citral	5392-40-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.3% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CYMBOPOGON MARTINI (PALMAROSA) [based on the component: GERANIOL]	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CYMBOPOGON MARTINI (PALMAROSA) [based on the component: GERANIOL]	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CYMBOPOGON MARTINI (PALMAROSA) [based on the component: GERANIOL]	Geraniol	106-24-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.3% in lip products, 0.4% in deodorants/antiperspirants, 1.8% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 5.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 8.6% in mouthwashes, breath sprays, and toothpastes, 0.9% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CYMBOPOGON MARTINI (PALMAROSA) EXTRACT [based on the component: GERANIOL]	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CYMBOPOGON MARTINI (PALMAROSA) EXTRACT [based on the component: GERANIOL]	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CYMBOPOGON MARTINI (PALMAROSA) EXTRACT [based on the component: GERANIOL]	Geraniol	106-24-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.3% in lip products, 0.4% in deodorants/antiperspirants, 1.8% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 5.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 8.6% in mouthwashes, breath sprays, and toothpastes, 0.9% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CYMBOPOGON MARTINI OIL [based on the component: GERANIOL]	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CYMBOPOGON MARTINI OIL [based on the component: GERANIOL]	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CYMBOPOGON MARTINI OIL [based on the component: GERANIOL]	Geraniol	106-24-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.3% in lip products, 0.4% in deodorants/antiperspirants, 1.8% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 5.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 8.6% in mouthwashes, breath sprays, and toothpastes, 0.9% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CYMBOPOGON SCHOENANTHUS (LEMONGRASS) [based on the component: CITRAL]	citral	5392-40-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CYMBOPOGON SCHOENANTHUS (LEMONGRASS) [based on the component: CITRAL]	citral	5392-40-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
CYMBOPOGON SCHOENANTHUS (LEMONGRASS) [based on the component: CITRAL]	citral	5392-40-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.3% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CYMBOPOGON SCHOENANTHUS OIL [based on the component: CITRAL]	citral	5392-40-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
CYMBOPOGON SCHOENANTHUS OIL [based on the component: CITRAL]	citral	5392-40-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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CYMBOPOGON SCHOENANTHUS OIL [based on the component: CITRAL]	citral	5392-40-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.3% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
CYPRESS EXTRACT	CUPRESSUS SEMPERVIRENS	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CUPRESSUS SEMPERVIRENS (ITALIAN CYPRESS) CONE EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CYPRESS EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CUPRESSUS SEMPERVIRENS FRUIT EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYPRESS EXTRACT	CUPRESSUS SEMPERVIRENS SEED EXTRACT	84696-07-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
CYTOCHROME C	Cytochrome C		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
d-allo-OCIMENOL	D-ALLO- OCIMENOL	126-91-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
d-allo-OCIMENOL	Linalool; d- Linalool; l-Linalool	126-91-0	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
d-alpha-PINENE	D-ALPHA-PINENE	7785-70-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
d-Carvone	CARVONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
d-DIHYDROGERANIOL	Citronellol	1117-61-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
d-Limonene	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
d-Limonene	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
d-Limonene	d-Limonene	5989-27-5	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
D&C Black No. 3			The U.S. Food and Drug Administration restricts the silicon dioxide, arsenic, lead, and polycyclic aromatic hydrocarbons content of this ingredient to maximum concentrations of 5%, 3 ppm, 10 ppm and 5 ppm, respectively.	
D&C RED 33 LAKE	D&C Red 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	D&C Red 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	D&C Red 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	D&C RED 33 ALUMINUM LAKE	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	D&C RED 33 ALUMINUM LAKE	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	D&C RED 33 ALUMINUM LAKE	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
D&C RED 33 LAKE	D&C RED 33 LAKE	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	D&C RED 33 LAKE	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	D&C RED 33 LAKE	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	ACID RED 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	ACID RED 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	ACID RED 33	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	АКА227	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	АКА227	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	АКА227	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
D&C RED 33 LAKE	CI 17200	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	CI 17200	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C RED 33 LAKE	CI 17200	3567-66-6	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
D&C YELLOW 8	Disodium 2-(3-oxo- 6-oxidoxanthen-9- yl)benzoate		(*) The European Commission restricts this ingredient to a maximum concentration of 6%	
DEA PG-PROPYL PEG/PPG- 18/21 DIMETHICONE	DEA PG-PROPYL PEG/PPG-18/21 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA-CETEARETH-2 PHOSPHATE	DEA-CETEARETH- 2 PHOSPHATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA- DODECYLBENZENESULFONAT E	DEA- DODECYLBENZE NESULFONATE	·	The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DEA-LAURETH SULFATE	DEA-LAURETH SULFATE	58855-36-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA-OLETH-10 PHOSPHATE	DEA-OLETH-5 PHOSPHATE	58855-63-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA-OLETH-10 PHOSPHATE	DEA-OLETH-20 PHOSPHATE	58855-63-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA-OLETH-10 PHOSPHATE	DEA-OLETH-3 PHOSPHATE	58855-63-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA-OLETH-10 PHOSPHATE	DEA-OLETH-10 PHOSPHATE	58855-63-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DEA-OLETH-20 PHOSPHATE	DEA-OLETH-20 PHOSPHATE	58855-63-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA-OLETH-3 PHOSPHATE	DEA-OLETH-3 PHOSPHATE	58855-63-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA-OLETH-5 PHOSPHATE	DEA-OLETH-5 PHOSPHATE	58855-63-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA-PEG-4 LAURATE	DEA-PEG-4 LAURATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DEA- POLYPERFLUOROETHOXYMET HOXY PEG-2 PHOSPHATE	DEA- POLYPERFLUOR OETHOXYMETHO XY PEG-2 PHOSPHATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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DEAD SEA MINERALS	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
DECANAMIDE, N,N-DIMETHYL-	DECANAMIDE, N,N-DIMETHYL-	14433-76-2	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
Decanol alkoxylate	Decanol Alkoxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-10	DECETH-10	26183-52-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DECETH-3	DECETH-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-4	DECETH-4	5703-94-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-4 PHOSPHATE	Deceth-6 Phosphate	52019-36-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-4 PHOSPHATE	Deceth-4 Phosphate	52019-36-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-5	DECETH-8	26183-52-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DECETH-5	DECETH-10	26183-52-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-5	DECETH-5	26183-52-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-6	DECETH-6	5168-89-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-6 PHOSPHATE	Deceth-6 Phosphate	52019-36-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-7	DECETH-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DECETH-7 CARBOXYLIC ACID	Sodium Deceth-2 Carboxylate	38815-93-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-7 CARBOXYLIC ACID	Deceth-7 Carboxylic Acid	38815-93-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-7 GLUCOSIDE	Deceth-7 Glucoside		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-8	DECETH-8	26183-52-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECETH-9	DECETH-9		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DECETH-9 PHOSPHATE	Deceth-9 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Deceths	Deceths		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DECYLTETRADECETH-30	DECYLTETRADEC ETH-30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Defatted Citrus Unshiu Fruit			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
DEHYDROACETATE	Dehydroacetic acid and dehydroacetate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5%.	
DEHYDROACETIC ACID	DEHYDROACETIC ACID	520-45-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7%.	
Dehydroacetic Acid	DEHYDROACETIC ACID	520-45-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DEHYDROACETIC ACID	Dehydroacetic acid and dehydroacetate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5%.	
DENATONIUM BENZOATE	Denatonium benzoate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1/16 avoirdupois ounce per 100 gal alcohol.	
DI-C12-15 ALKYL FUMARATE	DI-C12-15 ALKYL FUMARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
DI-HEMA TRIMETHYLHEXYL DICARBAMATE	DI-HEMA TRIMETHYLHEXYL DICARBAMATE		The Cosmetic Ingredient Review restricts the use of this ingredient to nail enhancement products when skin contact is avoided. Additionally, products containing this ingredient should be accompanied with directions to avoid skin contact.	
DI-PEG-2 SOYAMINE IPDI	Di-Peg-2 Soyamine Ipdi	183681-06-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DI-PPG-3 CETETH-4 ADIPATE	Di-Ppg-3 Ceteth-4 Adipate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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DI-TEA-COCAMIDE DIACETATE	DI-TEA- COCAMIDE DIACETATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DI-TEA-OLEAMIDO PEG-2 SULFOSUCCINATE	DI-TEA- OLEAMIDO PEG-2 SULFOSUCCINAT E		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DI-TEA-OLEAMIDO PEG-2 SULFOSUCCINATE	DI-TEA- OLEAMIDO PEG-2 SULFOSUCCINAT E	85480-94-0	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DI-TEA-PALMITOYL ASPARTATE	DI-TEA- PALMITOYL ASPARTATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIAMINOPYRIMIDINE OXIDE	DIAMINOPYRIMIDI NE OXIDE	74638-76-9	The European Commission restricts this ingredient to a maximum concentration of 1.5% in hair products.	
DIAMMONIUM OLEAMIDO PEG 2 SULFOSUCCINATE	Diammonium Oleamido Peg-2 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIAZOLIDINYL UREA	Diazolidinyl urea	78491-02-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
DIAZOLIDINYL UREA	N- (Hydroxymethyl)- N- (dihydroxymethyl- 1,3-dioxo-2,5- imidazolidinyl-4)- N'- (hydroxymethyl)ur ea	78491-02-8	(*) The European Commission restricts this ingredient to a maximum concentration of 0.50%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIBEHENYL METHYLAMINE	DIBEHENYL METHYLAMINE	61372-91-6	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIBENZYL ETHER	DIBENZYL ETHER	103-50-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.07% in lip products, 0.08% in deodorants/antiperspirants, 0.35% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.04% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.55% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.67% in mouthwashes, breath sprays, and toothpastes, 0.17% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
DIBROMOHEXAMIDINE ISETHIONATE	3,3'-Dibromo-4,4'- hexamethylenedio xydibenzamidine and its salts (including isethionate)	93856-83-8	(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	
DIBUTYL ADIPATE	Dibutyl adipate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIBUTYL OXALATE	DIBUTYL OXALATE	2050-60-4	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
DIBUTYL PHTHALATE	Dibutyl phthalate	84-74-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
DICAPRYLATE/ DICAPRATE PEG-7 GLYCERYL COCOATE	Dicaprylate/ Dicaprate Peg-7 Glyceryl Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DICETEARETH-10 PHOSPHATE	Diceteareth-10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DICETEARYL DIMER DILINOLEATE	DICETEARYL DIMER DILINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
DICHLOROBENZYL ALCOHOL	2,4-Dichlorobenzyl alcohol	1777-82-8	(*) The European Commission restricts this ingredient to a maximum concentration of 0.15%	
DICHLOROMETHANE	Dichloromethane	75-09-2	The European Commission restricts this ingredient to a maximum concentration of 35% (when mixed with 1,1,1- trichloroethane, total concentration must not exceed 35%). Additionally, the dichloromethane impurity cannot exceed 0.2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DICHLOROMETHANE	Dichloromethane	75-09-2	The European Commission restricts this ingredient to a maximum concentration of 35% (when mixed with 1,1,1- trichloroethane, total concentration must not exceed 35%). Additionally, the dichloromethane impurity cannot exceed 0.2%.	
DICHLOROMETHANE	METHYLENECHLO RIDE	75-09-2	Health Canada restricts the use of this ingredient to non-aerosol products.	
DICHLOROPHENE	Dichlorophene	97-23-4	The European Commission restricts this ingredient to a maximum concentration of 0.5%.	The European Commission requires the following warning text on the product label/package: - 'Contains Dichlorophen'
DICHLOROPHENE	Dichlorophene	97-23-4	The European Commission restricts this ingredient to a maximum concentration of 0.5%.	The European Commission requires the following warning text on the product label/package: - 'Contains Dichlorophen'
DICHLOROPHENE	Dichlorophene	97-23-4	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: 4-chloro-6,6-bis(5-chloro-2- hydroxy-benzyl)-phenol	
DICOCODIMETHYLAMINE DILINOLEATE	DICOCODIMETHY LAMINE DILINOLEATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Didecyldimethylammonium chloride	Didecyl-dimethyl- benzylammonium Chloride	7173-51-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
DIETHANOLAMINE	Diethanolamine	111-42-2	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
DIETHANOLAMINE	Diethanolamine		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.3%. The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
DIETHYL CAPRYLAMIDE	DIETHYL CAPRYLAMIDE	996-97-4	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
DIETHYL MALONATE	DIETHYL MALONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.02%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIETHYL OXALATE	DIETHYL OXALATE	95-92-1	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
DIETHYL PHTHALATE	Diethyl phthalate	84-66-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
DIETHYL SEBACATE	DIETHYL SEBACATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1.5%.	
DIETHYLAMINE LAURETH SULFATE	DIETHYLAMINE LAURETH SULFATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIETHYLAMINOETHYL PEG-4 COCOATE	Diethylaminoethyl Peg-4 Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIETHYLAMINOETHYL PEG-4 LAURATE	Diethylaminoethyl Peg-4 Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DIETHYLAMINOETHYL PEG-5 COCOATE	Diethylaminoethyl Peg-5 Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIETHYLAMINOETHYL PEG-5 LAURATE	Diethylaminoethyl Peg-5 Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIETHYLENE GLYCOL	DIETHYLENEGLYC OL	111-46-6	Health Canada restricts the use of this ingredient to non-oral products and rinse-off products. Additionally, Health Canada requires manufacturers of oral and leave-on products containing glycerin to ensure the raw material used is within the specifications of an accepted pharmacopoeia with respect to diethylene glycol (DEG) impurities.	
DIETHYLENE GLYCOL	Diethylene glycol		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in toothpaste.	
DIETHYLENE GLYCOL DIETHYLHEXANOATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 19%.	
DIETHYLENE GLYCOL DIISONONANOATE	DIETHYLENE GLYCOL DIISONONANOAT E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 19%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIETHYLENE GLYCOL PROPYL ETHER	Diethylene Glycol Propyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIETHYLENE GLYCOL/DMAP ACRYLAMIDE/PEG-180/HDI COPOLYMER	DIETHYLENE GLYCOL/DMAP ACRYLAMIDE/PE G-180/HDI COPOLYMER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIETHYLENE GLYCOL/DMAP ACRYLAMIDE/PEG-180/HDI COPOLYMER	DIETHYLENE GLYCOL/DMAP ACRYLAMIDE/PE G-180/HDI COPOLYMER		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
DIETHYLHEXYL ADIPATE	Diethylhexyl Adipate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.	
DIETHYLHEXYL ADIPATE	DIETHYLHEXYLA DIPATE	103-23-1	Health Canada restricts this ingredient to a maximum concentration of 6.0% in leave-on body moisturizers.	
DIETHYLHEXYL BUTAMIDO TRIAZONE	Benzoic acid	65-85-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
DIETHYLHEXYL BUTAMIDO TRIAZONE	BENZOIC ACID and BENZOATE		The Japanese Ministry of Health, Labour and Welfare restricts total benzoate to 1% (w/w) and benzoic acid to 0.2% (w/w) of the finished product.	
DIETHYLHEXYL DIMER DILINOLEATE	dioctyl dimer dilinoleate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DIETHYLHEXYL DIMER DILINOLEATE	DIETHYLHEXYL DIMER DILINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
DIETHYLHEXYLSUCCINATE	DIETHYLHEXYL SUCCINATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
DIHEPTYLUNDECYL ADIPATE	DIHEPTYLUNDEC YL ADIPATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
DIHEXYL ADIPATE	DIHEXYL ADIPATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
DIHEXYLDECYL SEBACATE	DIHEXYLDECYL SEBACATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
DIHYDROCHOLETH 30	Dihydrocholeth 30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIHYDROCHOLETH-15	Dihydrocholeth-15		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIHYDROCHOLETH-20	Dihydrocholeth-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings	
DIHYDROCOUMARIN	DIHYDROCOUMA RIN	119-84-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.15% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.45% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.24% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.72% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
DIHYDROGENATED TALLOW BENZYLMONIUM HECTORITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIHYDROGENATED TALLOW METHYLAMINE	DIHYDROGENATE D TALLOW METHYLAMINE	61788-63-4	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
Dihydroxybenzophenone			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
Dihydroxybenzophenone			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
Dihydroxybenzophenone			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
DIHYDROXYETHYL TALLOW GLYCINATE	Dihydroxyethyl Tallow Glycinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIHYDROXYINDOLE	DIHYDROXYINDO LE	3131-52-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'
DIHYDROXYINDOLINE	DIHYDROXYINDO LINE	29539-03-5	The European Commission restricts this ingredient to a maximum concentration of 2.0% in non-oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Can cause severe allergic reactions.'; - 'Do not colour your hair if: — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
DIHYDROXYINDOLINE HBR	DIHYDROXYINDO LINE HBR	138937-28-7	The European Commission restricts this ingredient to a maximum concentration of 2.0% in non-oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Can cause severe allergic reactions.'; - 'Do not colour your hair if: — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
DIHYDROXYPROPYL PEG 5 LINOLEAMMONIUM CHLORIDE	Dihydroxypropyl Peg 5 Linoleammonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIHYDROXYPROPYL PEG-10 STEARAMMONIUM CHLORIDE	Dihydroxypropyl Peg-10 Stearammonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIISOBUTYL ADIPATE	DIISOBUTYL ADIPATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
DIISOBUTYL OXALATE	DIISOBUTYL OXALATE	2050-61-5	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
DIISOCETYL DODECANEDIOATE	DIISOCETYL DODECANEDIOA TE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
DIISOCTYL SEBACATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
DIISOPROPANOLAMINE	DIISOPROPANOL AMINE		The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
DIISOPROPYL ADIPATE	DIISOPROPYL ADIPATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	
DIISOPROPYL OXALATE	DIISOPROPYL OXALATE	615-81-6	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
DIISOPROPYL SEBACATE	DIISOPROPYL SEBACATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIISOPROPYLAMINE	diisopropylamine	108-18-9	The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
DIISOPROPYLCINNAMATEESTE R			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 2.8% (as a combination of ethyl 2,4-diisopropyl cinnamate and methyl 2,4-diisopropyl cinnamate) in rinse-off products (not applied to mucosa) when combined with isopropyl p-methoxycinnamate.	
DIISOPROPYLCINNAMATEESTE R			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa when combined with isopropyl p-methoxycinnamate.	
DIISOPROPYLCINNAMATEESTE R			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 2.8% (as a combination of ethyl 2,4-diisopropyl cinnamate and methyl 2,4-diisopropyl cinnamate) in leave-on products (not applied to mucosa) when combined with isopropyl p-methoxycinnamate.	
DIISOSTEARYL ADIPATE	DIISOSTEARYL ADIPATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
DIISOSTEARYL DIMER DILINOLEATE	DIISOSTEARYL DIMER DILINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIISOSTEARYL FUMARATE	DIISOSTEARYL FUMARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	
DIISOSTEARYL SEBACATE	DIISOSTEARYL SEBACATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7%.	
DILAURETH-10 PHOSPHATE	Dilaureth-10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DILAURETH-4 DIMONIUM CHLORIDE	Dilaureth-4 Dimonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DILAURETH-4 PHOSPHATE	Dilaureth-4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DILAURETH-7 CITRATE	Dilaureth-7 Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DILINOLEAMIDOPROPYL DIMETHYLAMINE	Dilinoleamidoprop yl dimethylamine		This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
DILINOLEAMIDOPROPYL DIMETHYLAMINE DIMETHICONE PEG-7 PHOSPHATE	Dilinoleamidoprop yl Dimethylamine Dimethicone Peg- 7 Phosphate	138698-34-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DILITHIUM OXALATE	DILITHIUM OXALATE	553-91-3	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
DIMETHICONE	Dimethicone		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 24% in makeup products.	
DIMETHICONE COPOLYOL	DIMETHICONE COPOLYOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
DIMETHICONE COPOLYOL PHOSPHATE	DIMETHICONE PEG-10 PHOSPHATE	132207-31-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DIMETHICONE COPOLYOL PHOSPHATE	DIMETHICONE PEG-7 PHOSPHATE	132207-31-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG 10/ 15 CROSSPOLYMER	Dimethicone Peg 10/ 15 Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-10 PHOSPHATE	DIMETHICONE PEG-10 PHOSPHATE	132207-31-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-15 ACETATE	Dimethicone Peg- 15 Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-7 AVOCADOATE	Dimethicone Peg- 7 Avocadoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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DIMETHICONE PEG-7 COCOATE	Dimethicone Peg- 7 Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-7 ISOSTEARATE	Dimethicone Peg- 7 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-7 LACTATE	Dimethicone Peg- 7 Lactate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-7 OCTYLDODECYL CITRATE	Dimethicone Peg- 7 Octyldodecyl Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-7 OLIVATE	Dimethicone Peg- 7 Olivate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHICONE PEG-7 PHOSPHATE	DIMETHICONE PEG-7 PHOSPHATE	132207-31-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-7 PHOSPHATE	DIMETHICONE PEG-7 PHOSPHATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
DIMETHICONE PEG-7 PHTHALATE	Dimethicone Peg- 7 Phthalate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-7 SUCCINATE	Dimethicone Peg- 7 Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-7 SULFATE	Dimethicone Peg- 7 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHICONE PEG-7 UNDECYLENATE	Dimethicone Peg- 7 Undecylenate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 ADIPATE	DIMETHICONE PEG-8 ADIPATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 AVOCADOATE	Dimethicone Peg- 8 Avocadoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 BEESWAX	Dimethicone Peg- 8 Beeswax		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 BENZOATE	DIMETHICONE PEG-8 BENZOATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHICONE PEG-8 BENZOATE	DIMETHICONE PEG-8 BENZOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
DIMETHICONE PEG-8 BORAGEATE	Dimethicone Peg- 8 Borageate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 ISOSTEARATE	Dimethicone Peg- 8 Isostearate	133448-16-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 LANOLATE	Dimethicone Peg- 8 Lanolate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 LAURATE	Dimethicone Peg- 8 Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHICONE PEG-8 MEADOWFOAMATE	Dimethicone Peg- 8 Meadowfoamate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 OLIVATE	Dimethicone Peg- 8 Olivate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 PHOSPHATE	Dimethicone Peg- 8 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 PHTHALATE	Dimethicone Peg- 8 Phthalate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG-8 POLYACRYLATE	Dimethicone Peg- 8 Polyacrylate	217958-64-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHICONE PEG-8 SUCCINATE	Dimethicone Peg- 8 Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG/PPG-12/4 PHOSPHATE	DIMETHICONE PEG/PPG-12/4 PHOSPHATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG/PPG-20/23 BENZOATE	Dimethicone Peg/ppg-20/23 Benzoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE PEG/PPG-7/4 PHOSPHATE	DIMETHICONE PEG/PPG-7/4 PHOSPHATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONE/PEG-10 CROSSPOLYMER	Dimethicone/peg- 10 Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHICONE/PEG-15 CROSSPOLYMER	Dimethicone/peg- 15 Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIMETHICONOL	DIMETHICONOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 36%	
DIMETHICONOL BEESWAX	DIMETHICONOL BEESWAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.9%.	
DIMETHICONOL BEHENATE	DIMETHICONOL BEHENATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
DIMETHICONOL BORAGEATE	DIMETHICONOL BORAGEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
DIMETHICONOL CYSTEINE	DIMETHICONOL CYSTEINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.07%.	
DIMETHICONOL MEADOWFOAMATE	DIMETHICONOL MEADOWFOAMA TE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
DIMETHICONOL PANTHENOL	DIMETHICONOL PANTHENOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.07%.	
DIMETHICONOL STEARATE	DIMETHICONOL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
DIMETHICONOL/ SILSESQUIOXANE COPOLYMER	DIMETHICONOL- SILSESQUIOXANE COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHOXYBENZYLIDENEDIO XOIMIDAZOLIDINE2ETHYLHEX YLPROPIONATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 3% in rinse off products (not applied to mucosa).	
DIMETHOXYBENZYLIDENEDIO XOIMIDAZOLIDINE2ETHYLHEX YLPROPIONATE			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
DIMETHOXYBENZYLIDENEDIO XOIMIDAZOLIDINE2ETHYLHEX YLPROPIONATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 3% in leave-on products (not applied to mucosa).	
DIMETHYL ADIPATE	DIMETHYL ADIPATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
DIMETHYL BEHENAMINE	DIMETHYL BEHENAMINE	21542-96-1	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DIMETHYL COCAMINE	DIMETHYL COCAMINE	61788-93-0	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIMETHYL GLUTARATE	DIMETHYL GLUTARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
DIMETHYL HYDROGENATED TALLOWAMINE	DIMETHYL HYDROGENATED TALLOWAMINE	61788-95-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHYL LAURAMINE	DIMETHYL LAURAMINE	112-18-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIMETHYL LAURAMINE DIMER DILINOLEATE	DIMETHYL LAURAMINE DIMER DILINOLEATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHYL LAURAMINE ISOSTEARATE	DIMETHYL LAURAMINE ISOSTEARATE	70729-87-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIMETHYL LAURAMINE OLEATE	DIMETHYL LAURAMINE OLEATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DIMETHYL MEA	DIMETHYL MEA	108-01-0	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIMETHYL MEA	Dimethylethanola mine	108-01-0	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
DIMETHYL MEA	N,N- Dimethylethanola mine	108-01-0	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DIMETHYL MYRISTAMINE	DIMETHYL MYRISTAMINE	112-75-4	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIMETHYL OXALATE	DIMETHYL OXALATE	553-90-2	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
DIMETHYL OXAZOLIDINE	4,4-Dimethyl-1,3- oxazolidine	51200-87-4	(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	
DIMETHYL PALMITAMINE	DIMETHYL PALMITAMINE	112-69-6	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIMETHYL PHTHALATE	Dimethyl phthalate	131-11-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHYL SOYAMINE	DIMETHYL SOYAMINE	61788-91-8	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIMETHYL STEARAMINE	DIMETHYL STEARAMINE	124-28-7	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DIMETHYL STEARAMINE	DIMETHYL STEARAMINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4% in non-hair coloring products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHYL TALLOWAMINE	DIMETHYL TALLOWAMINE	68814-69-7	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHYL-3-CYCLOHEXENE-1- CARBALDEHYDE	Dimethylcyclohex- 3-ene-1- carbaldehyde (mixed isomers)	27939-60-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
DIMETHYLACRYLAMIDE/SODI UM ACRYLOYLDIMETHYL TAURATE CROSSPOLYMER	Dimethylacrylami de/Sodium Acryloyldimethylt aurate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient Dimethylcyclohex-3-ene-1- carbaldehyde (mixed isomers)	Alternative name	CAS 36635-35-5	EWG VERIFIED <sup>™</sup> Product Restrictions * The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	Labels Must Bear These Warnings

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Dimethylcyclohex-3-ene-1- carbaldehyde (mixed isomers)		68084-52-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
			conditioners, etc.).	

Substance/Ingredient Alternative name CAS EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warning	gs
Dimethylcyclohex-3-ene-1- carbaldehyde (mixed isomers)35145-02-9The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in dedorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, body washes, depilatories, facial cleansers, shampoos, depilatories, facial cleansers,	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHYLCYCLOHEXENYL 3- BUTENYL KETONE	1-(5,5-Dimethyl-1- cyclohexen-1- yl)pent-4-en-1-one	56973-85-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.07% in lip products, 0.09% in deodorants/antiperspirants, 0.38% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.13% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.81% in mouthwashes, breath sprays, and toothpastes, 0.19% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
DIMETHYLDIOCTYLAMMONIU M HECTORITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIMETHYLOL ETHYLENE THIOUREA	DIMETHYLOL ETHYLENE THIOUREA	15534-95-9	The European Commission restricts this ingredient to a maximum concentration of 2% in hair products (cannot be used in aerosol sprays) and 2% in nail products (pH has to be less than 4).	The European Commission requires the following warning text on the product label/package: - 'Contains Dimethylol ethylene thiourea'
DIMETHYLOL ETHYLENE THIOUREA	DIMETHYLOL ETHYLENE THIOUREA	15534-95-9	The European Commission restricts this ingredient to a maximum concentration of 2% in hair products (cannot be used in aerosol sprays) and 2% in nail products (pH has to be less than 4).	The European Commission requires the following warning text on the product label/package: - 'Contains Dimethylol ethylene thiourea'
DIMETHYLTETRAHYDRO BENZALDEHYDE	Dimethylcyclohex- 3-ene-1- carbaldehyde (mixed isomers)	68737-61-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.17% in lip products, 0.22% in deodorants/antiperspirants, 0.89% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.45% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DINONOXYNOL-4 PHOSPHATE	Dinonoxynol-4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DINONOXYNOL-9 CITRATE	Dinonoxynol-9 Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIOCTYL MALATE	Diethylhexyl Malate		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%	
DIOCTYL SODIUM SULFOSUCCINATE	DIETHYLHEXYL SODIUM SULFOSUCCINAT E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
DIOCTYL SODIUM SULFOSUCCINATE	DIOCTYL SODIUM SULFOSUCCINAT E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
DIOCTYLDOCECYL DIMER DILINOLEATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
DIOCTYLDOCECYL SEBACATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIOCTYLDODECETH-2 LAUROYL GLUTAMATE	Dioctyldodeceth-2 Lauroyl Glutamate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIOCTYLDODECETH-5 LAUROYL GLUTAMATE	Dioctyldodeceth-5 Lauroyl Glutamate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIOLETH-8 PHOSPHATE	Dioleth-8 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DIOLEYL TOCOPHERYL METHYLSILANOL	DIOLEYL TOCOPHERYL METHYLSILANOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
DIOSCOREA VILLOSA	DIOSCOREA VILLOSA (WILD YAM) ROOT EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15% of max 2% plant solids. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIOSCOREA VILLOSA (WILD YAM) ROOT EXTRACT	DIOSCOREA VILLOSA (WILD YAM) ROOT EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15% of max 2% plant solids. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides.	
DIOSCOREA VILLOSA (WILD YAM) ROOT EXTRACT	WILD YAM (DIOSCOREA VILLOSA) EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15% of max 2% plant solids. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides.	
DIPENTAERYTHRITYL PENTAISONONANOATE	DIPENTAERYTHRI TYL PENTAISONONAN OATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 13%.	
DIPOTASSIUM EDTA	DIPOTASSIUM EDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used at a concentration of 1% or less.	
DIPOTASSIUM GLYCYRRHIZATE	DIPOTASSIUM GLYCYRRHIZATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals. The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
DIPOTASSIUM OXALATE	DIPOTASSIUM OXALATE	583-52-8	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DIPROPYL OXALATE	DIPROPYL OXALATE	615-98-5	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
DIPROPYLENE GLYCOL ISOCETETH-20 ACETATE	Dipropylene Glycol Isoceteth- 20 Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Dipropylene Glycol Methyl Ether	Dipropylene glycol methyl ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Dipropylene Glycol Methyl Ether	PPG-2 Methyl Ether		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
Diquaternium Ethoxysulfates	Diquaternium Ethoxysulfates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Disodium 5,7-dinitro-8- oxidonaphthalene-2-sulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments	3		(*) The European Commission prohibits the use of this ingredient in eye products.	
DISODIUM CAPRYLOYL GLUTAMATE	Disodium capryloyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.4%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DISODIUM COCAMIDO MIPA PEG-4 SULFOSUCCINATE	Disodium Cocamido Mipa Peg-4 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM COCAMIDO PEG-3 SULFOSUCCINATE	Disodium Cocamido Peg-3 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM COCOAMPHODIACETATE	COCOAMPHODIA CETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	
DISODIUM COCOAMPHODIPROPIONATE	COCOAMPHODIP ROPIONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
DISODIUM COCOYL GLUTAMATE	Disodium cocoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
DISODIUM DECETH-5 SULFOSUCCINATE	Disodium Deceth- 5 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM DECETH-6 SULFOSUCCINATE	Disodium Deceth- 6 Sulfosuccinate	68311-03-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DISODIUM EDTA	DISODIUM EDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used at a concentration of 1% or less.	
DISODIUM ETHLENE DICOCAMIDE PEG 15 DISULFATE	Disodium Ethlene Dicocamide Peg 15 Disulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM GLYCYRRHIZATE	DISODIUM GLYCYRRHIZATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
DISODIUM HYDROGENATED TALLOW GLUTAMATE	Disodium hydrogenated tallow glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1%	
Disodium Laneth-5 Sulfosuccinate68890-92-6			(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM LAURAMIDO PEG-2 SULFOSUCCINATE	Disodium Lauramido Peg-2 Sulfosuccinate	56388-44-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DISODIUM LAURAMIDO PEG-5 SULFOSUCCINATE	Disodium Lauramido Peg-5 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM LAURETH SULFOSUCCINATE	Disodium laureth sulfosuccinate	58450-52-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM LAURETH-12 SULFOSUCCINATE	Disodium Laureth- 9 Sulfosuccinate	39354-45-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM LAURETH-12 SULFOSUCCINATE	Disodium Laureth- 6 Sulfosuccinate	39354-45-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM LAURETH-12 SULFOSUCCINATE	Disodium Laureth- 12 Sulfosuccinate	39354-45-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DISODIUM LAURETH-5 CARBOXYAMPHODIACETATE	Disodium Laureth- 5 Carboxyamphodia cetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM LAURETH-6 SULFOSUCCINATE	Disodium Laureth- 6 Sulfosuccinate	39354-45-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM LAURETH-7 CITRATE	Disodium Laureth- 7 Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM LAURETH-9 SULFOSUCCINATE	Disodium Laureth- 9 Sulfosuccinate	39354-45-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM NONOXYNOL-10 SULFOSUCCINATE	Disodium Nonoxynol-10 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DISODIUM OLEAMIDO PEG-2 SULFOSUCCINATE	Disodium Oleamido Peg-2 Sulfosuccinate	56388-43-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM OLETH-3 SULFOSUCCINATE	DISODIUM OLETH- 3 SULFOSUCCINAT E		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PALMITAMIDO PEG- 2 SULFOSUCCINATE	Disodium Palmitamido Peg- 2 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PALMITOLEAMIDO PEG-2 SULFOSUCCINATE	Disodium Palmitoleamido Peg-2 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PEG STEARATE	Disodium Peg Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DISODIUM PEG-12 DIMETHICONE	Disodium Peg-12 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PEG-12 DIMETHICONE SULFOSUCCINATE	Disodium Peg-12 Dimethicone Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PEG-2 OLEAMIDO SULFOSUCCINATE	Disodium Peg-2 Oleamido Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PEG-4 COCAMIDO MIPA-SULFOSUCCINATE	Disodium Peg-4 Cocamido Mipa- Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PEG-5 LANOLIN ETHER SULFOSUCCINATE	Disodium Peg-5 Lanolin Ether Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DISODIUM PEG-5 LAURYLCITRATE SULFOSUCCINATE	Disodium Peg-5 Laurylcitrate Sulfosuccinate	164458-73-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PEG-8 GLYCERYL CAPRYLATE/CAPRATE	Disodium Peg-8 Glyceryl Caprylate/caprate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PEG-8 PALM GLYCERIDES SULFOSUCCINATE	Disodium Peg-8 Palm Glycerides Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PEG-8 RICINOSUCCINATE	Disodium Peg-8 Ricinosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM PPG-2-ISODECETH- 7 CARBOXYAMPHODIACETATE	Disodium Ppg-2- Isodeceth-7 Carboxyamphodia cetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DISODIUM STEAROYL GLUTAMATE	Disodium stearoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 6%	
DISODIUM SUCCINATE	DISODIUM SUCCINATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	
DISODIUM SUCCINOYL GLYCYRRHETINATE	DISODIUM SUCCINOYL GLYCYRRHETINAT E		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
DISODIUM UNDECYLENAMIDO PEG-2 SULFOSUCCINATE	Disodium Undecylenamido Peg-2 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISODIUM WHEAT GERMAMIDO PEG-2 SULFOSUCCINATE	Disodium Wheat Germamido Peg-2 Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISPERSE BLACK 9	DISPERSE BLACK 9	12222-69-4	The European Commission restricts this ingredient to a maximum concentration of 0.3% (of the mixture in the ratio 1:1 of 2,2'-[4-(4-aminopheny-lazo)pheny- limino]diethanol and lignosulfate) in non-oxidative hair dye products.	
DISPERSE BLACK 9	DISPERSE BLACK 9		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DISPERSE BLUE 1	Disperse Blue 1	2475-45-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
DISPERSE RED 17	Ethanol, 2,2'-[[3- methyl-4-[(E)-(4- nitrophenyl)azo] phenyl]imino]bis-	3179-89-3	(*) The European Commission restricts this ingredient to a maximum concentration of 2.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 0.2% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	(*) The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: - you have a rash on your face or sensitive, irritated and damaged scalp, - you have ever experienced any reaction after colouring your hair, - you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of non-oxidative hair dyes: - 'Can cause allergic reactions.' Lastly, the European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'This product can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be
DISPERSE VIOLET 1	DISPERSE VIOLET 1	128-95-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
DISTANNOXANE, HEXABUTYL-	Tin, Organic	56-35-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
DISTEARALKONIUM HECTORITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
DISTEARDIMONIUM HECTORITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
DISTEARETH 100 IPDI	Disteareth 100 Ipdi		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DISTEARETH-75 IPDI	Disteareth-75 Ipdi		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DISTEARONIUM HECTORITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
DISTEARYLDIMETHYLAMINE DILINOLEATE	DISTEARYLDIMET HYLAMINE DILINOLEATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
DISTILLATES (COAL- PETROLEUM), CONDENSED- RING AROM	Distillates (coal- petroleum), condensed-ring arom	68188-48-7	The European Commission bans this ingredient from use in cosmetics if it contains over 0.005% w/w benzo[a]pyrene	
Distillates (petroleum), acid- treated light	Distillates (petroleum), acid- treated light	64742-14-9	The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
DISTILLATES (PETROLEUM), HYDRODESULFURIZED MIDDLE	Distillates (petroleum), hydrodesulfurized middle	64742-80-9	The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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DISTILLATES RESIDUE, LOW- BOILING	DISTILLATES RESIDUE, LOW- BOILING	68477-31-6	The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
DMDM HYDANTOIN	DMDM HYDANTOIN	6440-58-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
DMDM HYDANTOIN	13DIMETHYLOL55 DIMETHYLHYDAN TOIN		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in rinse-off products (not applied to mucosa).	
DMDM HYDANTOIN	13DIMETHYLOL55 DIMETHYLHYDAN TOIN		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
DMDM HYDANTOIN	13DIMETHYLOL55 DIMETHYLHYDAN TOIN		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in leave-on products (not applied to mucosa).	
DMDM HYDANTOIN	1,3- Bis(hydroxymethyl )-5,5- dimethylimidazoli dine-2,4-dione	6440-58-0	(*) The European Commission restricts this ingredient to a maximum concentration of 0.60%	
DOBANOL 25-3	Dobanol 25-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
DODOXYNOL-12	Dodoxynol-12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
DROMETRIZOLE	DROMETRIZOLE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.07%.	
DROMETRIZOLE	22HYDROXY5MET HYLPHENYLBENZ OTRIAZOLE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 7% in leave-on products.	
DROMETRIZOLE TRISILOXANE	DROMETRIZOLET RISILOXANE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 15% in rinse-off products (not applied to mucosa).	
DROMETRIZOLE TRISILOXANE	DROMETRIZOLET RISILOXANE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
DROMETRIZOLE TRISILOXANE	DROMETRIZOLET RISILOXANE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 15% in leave-on products (not applied to mucosa).	
DROMETRIZOLE TRISILOXANE	Phenol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1%.	
EDTA	EDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ELAEIS GUINEENSIS (PALM) KERNEL OIL	ELAEIS GUINEENSIS (PALM) KERNEL OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 23%.	
ELAEIS GUINEENSIS (PALM) KERNEL OIL	ELAEIS GUINEENSIS (PALM) OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 48%.	
ELAEIS GUINEENSIS (PALM) KERNEL OIL	PALM OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 48%.	
ELGUEA CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
EMULSIFYING WAX	CETEARYL ALCOHOL		The Cosmetic Ingredient Review has determined that cetearyl alcohol (a component of emulsifying wax) is safe as used up to a concentration of 25%.	
EMULSIFYING WAX	EMULSIFYING WAX N.F.		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 21%.	
EMULSIFYING WAX [based on the component: CETEARYL ALCOHOL]	CETEARYL ALCOHOL		The Cosmetic Ingredient Review has determined that cetearyl alcohol (a component of emulsifying wax) is safe as used up to a concentration of 25%.	
EMULSIFYING WAX [based on the component: POLYSORBATE 60]	POLYSORBATE- 60	9005-67-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ENSULIZOLE	PHENYLBENZIMID AZOLESULFONIC ACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 3% in rinse off products (not applied to mucosa).	
ENSULIZOLE	PHENYLBENZIMID AZOLESULFONIC ACID		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
ENSULIZOLE	PHENYLBENZIMID AZOLESULFONIC ACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 3% in leave-on products (not applied to mucosa).	
ERYTHORBIC ACID	ERYTHORBIC ACID	89-65-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
ESTRAGOLE	Estragole	140-67-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in fine fragrance and eau de toilette, 0.01% in other leave- on and rinse-off products, and 0.2% in non-skin incidental skin contact products.	
ESTRAGOLE	Estragole	140-67-0	California Prop65 lists this chemical as known to cause cance; therefore, this chemical is not allowed as a direct addition to a product and cannot make up more than 50% of any listed ingredient.	
ETHANOL, 2-((2- AMINOETHYL)AMINO)-	Aminoethyl Ethanolamine	111-41-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHANOL, 2,2'-((4- AMINOPHENYL)IMINO)BIS-, SULFATE (SALT), HYDRATE (1:1:1)	ETHANOL, 2,2'-((4- AMINOPHENYL)I MINO)BIS-, SULFATE (SALT), HYDRATE (1:1:1)	54381-16-7	The European Commission restricts this ingredient to a maximum concentration of 2.5% (calculated as sulphate) applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, and it cannot have a nitrosamine content of more than 50 microgram/kg.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'
ETHANOL, 2,2'-(BUTYLIMINO)DI	ETHANOL, 2,2'- (BUTYLIMINO)DI-	102-79-4	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
ETHANOLAMINE	Ethanolamine	141-43-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHANOLAMINE	Ethanolamines, NOS	141-43-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ETHANOLAMINE	Monoethanolamine	141-43-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ETHANOLAMINE DITHIODIGLYCOLATE	ETHANOLAMINE DITHIODIGLYCOL ATE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
ETHANOLAMINE GLYCEROPHOSPHATE	ETHANOLAMINE GLYCEROPHOSP HATE	35907-34-7	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHANOLAMINE HCL	ETHANOLAMINE HCL	2002-24-6	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
ETHANOLAMINE THIOGLYCOLATE	ETHANOLAMINE THIOGLYCOLATE	126-97-6	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a secondary amine content over 0.5%, it must have a minimum purity of 99%, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHANOLAMINE THIOGLYCOLATE	ETHANOLAMINE THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors.	
ETHER, 2-CHLORO-1,1,2- TRIFLUOROETHYL DIFLUOROMETHYL	Anesthetic Gases, Halogenated	13838-16-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
ETHOXY-p-CRESOL	2-Ethoxy-4- methylphenol	2563-07-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.01% in deodorants/antiperspirants, 0.03% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.2% in mouthwashes, breath sprays, and toothpastes, 0.02% in intimate wipes, and baby wipes, 0.2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 1.2% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHOXYDIGLYCOL	2-(2- ethoxyethoxy)etha nol Diethylene Glycol Monoethyl Ether (DEGREE),Ethoxy diglycol	111-90-0	(*) The European Commission prohibits the use of this ingredient in eye and oral products, and restricts it to a maximum concentration of 7% in oxidative hair dye products, 5% in non- oxidative hair dye products, 10% in rinse-off products other than hair dye product, 2.6% in other non-spray cosmetic products, and 2.6% in the following spray products fine fragrances, hair sprays, antiperspirant and deodorant. Additionally, the level of ethylene glycol impurity in Ethoxydiglycol must be <= 0.1 %.	
ETHOXYLATED ALKYL PHENOL	Ethoxylated Alkyl Phenol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ethoxylated amines	Ethoxylated Amines		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ethoxylated amines	Ethoxylated Amines		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHOXYLATED CASTOR OIL	PEG-9 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-80 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-8 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-75 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-60 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHOXYLATED CASTOR OIL	Peg-55 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-54 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-50 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-5 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-44 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHOXYLATED CASTOR OIL	PEG-4 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	PEG-36 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	PEG-33 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	PEG-30 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-3 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ETHOXYLATED CASTOR OIL	Peg-29 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-26 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-25 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-200 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-20 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHOXYLATED CASTOR OIL	Peg-2 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-16 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-15 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-11 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Peg-100 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ETHOXYLATED CASTOR OIL	Peg-10 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	PEG-40 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	PEG-35 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED CASTOR OIL	Ethoxylated castor oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ethoxylated cocoalkylamines	Ethoxylated Cocoalkylamines		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Ethoxylated Ethylhexanol	Ethoxylated Ethylhexanol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED EVENING PRIMROSE OIL	Ethoxylated Evening Primrose Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHOXYLATED GLYCERIDES	Ethoxylated Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ethoxylated octadecylamine	Ethoxylated Octadecylamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ethoxylated oleylamines	Ethoxylated Oleylamines		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHOXYLATED PLANT STEROLS	Ethoxylated Plant Sterols		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ethoxylated soyaalkylamines	Ethoxylated Soyaalkylamines		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ethoxylated tallowalkylamines	Ethoxylated Tallowalkylamines		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Ethoxylated Undecyl Alcohol	Ethoxylated Undecyl Alcohol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ethoxylates			(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ETHYL BENZOATE	ETHYL BENZOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.01%.	
ETHYL CITRATES			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
ETHYL HEXANEDIOL	ETHYL HEXANEDIOL	94-96-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
Ethyl Hexanol Ethoxylated Propoxylated	Ethyl Hexanol Ethoxylated Propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHYL LACTATE	ETHYL LACTATE	97-64-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
ETHYL LAUROYL ARGINATE HCL	ETHYL LAUROYL ARGINATE HCL	60372-77-2	The European Commission restricts this ingredient to a maximum concentration of 0.8% in soap, anti-dandruff shampoos, and non-spray deodorants. For purposes other than inhibiting the development of microorganisms in the product, this purpose has to be apparent on the product label.	
ETHYL LAUROYL ARGINATE HCL	Ethyl Lauroyl Arginate HCl (preservative)	60372-77-2	(*) The European Commission restricts this ingredient to a maximum concentration of 0.4% when used as a preservative.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHYL METHACRYLATE	ETHYLMETHACRY LATE	97-63-2		Health Canada requires the following warning text on the product label/package: - 'Avoid skin contact'.
ETHYL PEG-15 COCAMINE SULFATE	Ethyl Peg-15 Cocamine Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ETHYL THIOGLYCOLATE	ETHYL THIOGLYCOLATE	623-51-8	The European Commission restricts this ingredient to a maximum concentration of 8% (calculated as thioglycolic acid) in hair waving products and 11% (calculated as thioglycolic acid) in hair straightening products.	The European Commission requires the following conditions of use on the label/package of general and professional use hair waving or straightening products: - 'May cause sensitization in the event of skin contact'; - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'; - 'Wear suitable gloves'. Additionally, the following warning text are required: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Lastly, the following warning must also be labeled in addition to the above on professional use hair waving or straightening products: - 'For professional use only'
ETHYL THIOGLYCOLATE	ETHYL THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ETHYLCELLULOSE	ETHYLCELLULOS E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
ETHYLENEDIAMINE	Ethylenediamine	107-15-3	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ETHYLHEXYL STEARATE	ETHYLHEXYL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%.	
ETHYLPARABEN	Ethylparaben	120-47-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% if used alone and 0.8% when used with a paraben mixture.	
ETIDRONIC ACID	ETIDRONIC ACID	2809-21-4	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as etidronic acid) in hair products, and 0.2% (as etidronic acid) in soap products.	
ETIDRONIC ACID	ETIDRONIC ACID	2809-21-4	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as etidronic acid) in hair products, and 0.2% (as etidronic acid) in soap products.	
EUCALYPTUS GLOBULUS (EUCALYPTUS) LEAF OIL	EUCALYPTUSOIL	8000-48-4	Health Canada restricts this ingredient to a maximum concentration of 25%.	
EUGENIA CARYOPHYLLUS (CLOVE)	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS (CLOVE)	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS (CLOVE) [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
EUGENIA CARYOPHYLLUS (CLOVE) BUD	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS (CLOVE) BUD	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) BUD OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) BUD OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) EXTRACT	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) EXTRACT	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) FLOWER EXTRACT	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS (CLOVE) FLOWER EXTRACT	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) FLOWER OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) FLOWER OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) FLOWER POWDER	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) FLOWER POWDER	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) LEAF EXTRACT	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS (CLOVE) LEAF EXTRACT	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS (CLOVE) LEAF OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
EUGENIA CARYOPHYLLUS (CLOVE) OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS (CLOVE) OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENIA CARYOPHYLLUS (CLOVE) OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS (CLOVE) OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
EUGENIA CARYOPHYLLUS STEM OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EUGENIA CARYOPHYLLUS STEM OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENOL	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EUGENOL	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
EUGENOL	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Eugenol	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
EUTERPE OLERACEA FRUIT OIL	EUTERPE OLERACEA FRUIT OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
EVERNIA FURFURACEA (OAKMOSS LICHEN)	EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	90028-67-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	90028-67-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	90028-67-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	90028-67-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	FURFURACEA (TREEMOSS) EXTRACT	90028-67-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	Treemoss Extracts	90028-67-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.5% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	Treemoss Extracts	90028-67-4	The International Fragrance Association restricts the dehydroabietic acid (DHA) concentration of this ingredient to a maximum of 0.8% in the extract, and the levels of atranol and chloroatranol should each be below 100ppm.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	90028-68-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	90028-68-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	90028-68-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	Oakmoss Extracts	90028-68-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.5% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
EVERNIA PRUNASTRI (RING LICHEN) EXTRACT	Oak moss extracts	90028-68-5	According to the International Fragrance Association, this ingredient must not contain added tree moss. Additionally, dehydroabietic acid (DHA) must not exceed 0.1% in the extract, and the levels of atranol and chloroatranol should each be below 100ppm.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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FARNESOL	Farnesol	4602-84-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
FARNESOL	Farnesol	4602-84-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
FARNESOL	Farnesol	4602-84-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.11% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
FARNESOL	Farnesol	4602-84-0	According to the International Fragrance Association, this ingredient may only be used if it contains a minimum of 96% of farnesol isomers.	
Fatty acid methyl ester ethoxylates	Fatty Acid Methyl Ester Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Fatty acid methyl ester ethoxylates	Fatty Acid Methyl Ester Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Fatty acids, coco, esters with sorbitan, ethoxylated	Fatty acids, coco, esters with sorbitan, ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
FD&C BLUE 1	FD&C Blue 1	3844-45-9	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
FD&C BLUE 1	Acid Blue 9	3844-45-9	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
FD&C GREEN 8	Trisodium 8- hydroxypyrene- 1,3,6-trisulphonate		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
FD&C RED 40	CURRY RED/RED 40/RED 40 LAKE	25956-17-6	Based on a European Commission restriction in non-oxidative hair dye products and the lack of FDA certification for coal tar hair dyes in the US, EWG does not allow this ingredient in hair dyes.	
FD&C RED 40	FD&C Red 40	25956-17-6	Due to their link to carcinogenicity, this substance must contain less than 10 ppm total unsulfonated primary aromatic amines, including aniline, 6- methoxy-m-toluidine, and 1- napthylamine.	
FD&C RED NO. 40 ALUMINUM LAKE	CURRY RED/RED 40/RED 40 LAKE	25956-17-6	Based on a European Commission restriction in non-oxidative hair dye products and the lack of FDA certification for coal tar hair dyes in the US, EWG does not allow this ingredient in hair dyes.	
FD&C RED NO. 40 ALUMINUM LAKE	FD&C Red 40	25956-17-6	Due to their link to carcinogenicity, this substance must contain less than 10 ppm total unsulfonated primary aromatic amines, including aniline, 6- methoxy-m-toluidine, and 1- napthylamine.	
FD&C YELLOW 5	D&C YELLOW 4	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
FD&C YELLOW 5	FD&C Yellow 5	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
FD&C YELLOW 5	TARTRAZINE	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
FD&C YELLOW 5	CI 19140	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
FD&C YELLOW 5	KI4	1934-21-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
FD&C YELLOW 5 ALUMINUM LAKE	ACID YELLOW 23 ALUMINUM LAKE	12225-21-7	The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
FENTHION	Fenthion	55-38-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
FERRIC AMMONIUM	Ferric Ammonium		The European Commission requires that	
FERRIC CITRATE	FERRIC CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5% in rinse-off products.	
FERROUS FUMARATE	FERROUS FUMARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.0003%.	
FERULIC ACID	FERULICACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
FERULIC ACID	FERULICACID		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
FERULIC ACID	FERULICACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
FIBROIN/PEG-16/SODIUM ACRYLATE COPOLYMER	Fibroin/peg- 16/sodium Acrylate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
FIBRONECTIN	Fibronectin		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	
FLUORIDE ION	Fluoride	16984-48-8	Health Canada restricts the use of this ingredient to non-oral products.	
FORMALDEHYDE	Formaldehyde	50-00-0	The European Commission restricts this ingredient to a maximum concentration of 5% (as formaldehyde) in nail hardening products. For purposes other than inhibiting the development of microorganisms in the product, this purpose has to be apparent on the product label.	The European Commission requires the following warning text on the product label/package: - 'Protect cuticles with grease or oil'; - If the concentration of formaldehyde exceeds 0.05%, 'Contains formaldehyde'.
FORMALDEHYDE	Formaldehyde	50-00-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% (as formalin; 0.074% as formaldehyde or 0.118% as methylene glycol). Additionally, this ingredient cannot be used in hair smoothing products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
FORMALDEHYDE	Formaldehyde	50-00-0	Health Canada restricts this ingredient to a maximum concentration of 0.01% in non-aerosol products that release formaldehyde vapours (when used according to directions), 0.1% in oral products, 0.2% in non-oral cosmetics (when used as a preservative only), and 5% in nail hardenering products (it must be sold with nail shields, directions for use and directions that inform the user about the presence of this substance in the cosmetic). This ingredient is prohibited in aerosol products.	Health Canada requires the following warning text on the packaging/label of nail hardening products: - 'This product contains formaldehyde which has the potential to cause skin sensitivity.'
FORMALDEHYDE RESIN	Formaldehyde	50-00-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% (as formalin; 0.074% as formaldehyde or 0.118% as methylene glycol). Additionally, this ingredient cannot be used in hair smoothing products.	
FORMALDEHYDE RESIN	Formaldehyde	50-00-0	Health Canada restricts this ingredient to a maximum concentration of 0.01% in non-aerosol products that release formaldehyde vapours (when used according to directions), 0.1% in oral products, 0.2% in non-oral cosmetics (when used as a preservative only), and 5% in nail hardenering products (it must be sold with nail shields, directions for use and directions that inform the user about the presence of this substance in the cosmetic). This ingredient is prohibited in aerosol products.	Health Canada requires the following warning text on the packaging/label of nail hardening products: - 'This product contains formaldehyde which has the potential to cause skin sensitivity.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
FORMALDEHYDE SOLUTION (FORMALIN)	Formaldehyde	50-00-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% (as formalin; 0.074% as formaldehyde or 0.118% as methylene glycol). Additionally, this ingredient cannot be used in hair smoothing products.	
FORMALDEHYDE SOLUTION (FORMALIN)	Methylene Glycol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% (as formalin; 0.074% as formaldehyde or 0.118% as methylene glycol). Additionally, this ingredient cannot be used in hair smoothing products.	
FORMALDEHYDE SOLUTION (FORMALIN)	Formaldehyde	50-00-0	Health Canada restricts this ingredient to a maximum concentration of 0.01% in non-aerosol products that release formaldehyde vapours (when used according to directions), 0.1% in oral products, 0.2% in non-oral cosmetics (when used as a preservative only), and 5% in nail hardenering products (it must be sold with nail shields, directions for use and directions that inform the user about the presence of this substance in the cosmetic). This ingredient is prohibited in aerosol products.	Health Canada requires the following warning text on the packaging/label of nail hardening products: - 'This product contains formaldehyde which has the potential to cause skin sensitivity.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
FORMALDEHYDE SOLUTION (FORMALIN)	METHYLENEGLYC OL	463-57-0	Health Canada restricts this ingredient to a maximum concentration of 0.01% in non-aerosol products that release formaldehyde vapours (when used according to directions), 0.1% in oral products, 0.2% in non-oral cosmetics (when used as a preservative only), and 5% in nail hardenering products (it must be sold with nail shields, directions for use and directions that inform the user about the presence of this substance in the cosmetic). This ingredient is prohibited in aerosol products.	Health Canada requires the following warning text on the packaging/label of nail hardening products: - 'This product contains formaldehyde which has the potential to cause skin sensitivity.'
Formaldehyde, paraformaldehyde (3)		5000030525- 89-4	(*) The European Commission restricts this ingredient to a maximum concentration of 0.1% (free formaldehyde) in oral products and 0.2% (free formaldehyde) in all other products	
FORMIC ACID	Formic acid	64-18-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 64 ppm of free acid.	
Formic acid and its sodium salt			(*) The European Commission restricts this ingredient to a maximum concentration of 0.5% (as acid)	
FRENCH GREEN CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
FRENCH PINK CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
Fucus vesiculosus extract		84696-13-9	The Cosmetic Igredient Review has determined this ingredient to be safe as used up to a concentration of 5%.	
FUEL GASES	Fuel gases	68476-26-6	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
FUEL GASES, CRUDE OIL OF DISTILLATES	FUEL GASES, CRUDE OIL OF DISTILLATES	68476-29-9	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
FUMARIC ACID	fumaric acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
FURFURACEA (TREEMOSS) EXTRACT	EVERNIA FURFURACEA (OAKMOSS LICHEN) EXTRACT	90028-67-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
FURFURACEA (TREEMOSS) EXTRACT	FURFURACEA (TREEMOSS) EXTRACT	90028-67-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
gamma-TERPINENE	GAMMA- TERPINENE	99-85-4	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
GARCINIA INDICA SEED BUTTER	GARCINIA INDICA SEED BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
GAS OILS, HYDROTREATED	Gas oils, hydrotreated	97862-78-7	The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
GAS OILS, PARAFFINIC	Gas oils, paraffinic	93924-33-5	The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
GASES (PETROLEUM, LIGHT STEAM-CRACKED, BUTADIENE CONC.	GASES (PETROLEUM, LIGHT STEAM- CRACKED, BUTADIENE CONC.	68955-28-2	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
GASOLINE, NATURAL	Gasoline, natural	8006-61-9	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
GELATIN/LYSINE/POLYACRYL AMIDE HYDROXYPROPYLTRIMONIUM CHLORIDE	GELATIN/LYSINE/ POLYACRYLAMID E HYDROXYPROPY LTRIMONIUM CHLORIDE		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
GEOGARD 361	Benzoic acid	65-85-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
GEOGARD 361	benzyl alcohol	100-51-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GEOGARD 361	Phenoxyethanol		The Cosmetic Ingredient Review has determined that Phenoxyethanol (a component of several branded preservatives) is safe as used up to a concentration of 1%.	
GEOGARD 361	DEHYDROACETIC ACID	520-45-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7%.	
GEOGARD 361	BENZETHONIUM CHLORIDE	121-54-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5% in skin products and 0.02% in eye products.	
GEOGARD 361	Salicylic acid	69-72-7	The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
GEOGARD 361	SALICYLICACID	69-72-7	Health Canada restricts this ingredient to a maximum concentration of 2%.	
GEOGARD 361	BENZETHONIUMC HLORIDE	121-54-0	Health Canada restricts this ingredient to a maximum concentration of 0.2% in leave-on products and 0.3% in rinse-off products. Additionally, the ingredient cannot be used in products applied to mucous membranes.	
GEOGARD 361	BENZETHONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in rinse-off products (not applied to mucosa).	
GEOGARD 361	BENZETHONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GEOGARD 361	BENZETHONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.2% in leave-on products (not applied to mucosa).	
GEOGARD 361	BENZOIC ACID and BENZOATE		The Japanese Ministry of Health, Labour and Welfare restricts total benzoate to 1% (w/w) and benzoic acid to 0.2% (w/w) of the finished product.	
GEOGARD 361	Phenoxyethanol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
GEOGARD 361	SALICYLICACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.2%.	
GEOGARD ULTRA	Sodium benzoate	532-32-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GERANIAL	citral	141-27-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.3% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
GERANIOL	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
GERANIOL	Geraniol	106-24-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
GERANIOL	Geraniol	106-24-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.3% in lip products, 0.4% in deodorants/antiperspirants, 1.8% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 5.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 8.6% in mouthwashes, breath sprays, and toothpastes, 0.9% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Geranium oil, saponified	Citronellol	68916-43-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
GERMABEN II	Diazolidinyl urea	78491-02-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
GERMABEN II	Methylparaben	99-76-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GERMABEN II	Propylparaben	94-13-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	
GEVUINA AVELLANA OIL	GEVUINA AVELLANA OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
GEVUINA AVELLANA SEED OIL	GEVUINA AVELLANA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
GLACIAL BAY MARINE CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
GLACIAL CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
GLUTAMIC ACID, ZINC SALT, DL	ZINC GLUTAMATE	1949-15-1	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
GLUTAMIC ACID, ZINC SALT, DL	GLUTAMIC ACID, ZINC SALT, DL-	1949-15-1	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
GLUTARAL	Glutaral	111-30-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5% in rinse-off products, and may not be used in aerosol products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GLUTARAL	Glutaraldehyde (Pentane-1,5-dial)	111-30-8	(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	
GLYCERETH-26	Glycereth-26		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
GLYCERIN	Glycerin	56-81-5	Health Canada requires manufacturers of oral and leave-on products containing glycerin to ensure the raw material used is within the specifications of an accepted pharmacopoeia with respect to diethylene glycol (DEG) impurities.	
GLYCERYL MYRISTATE	GLYCERYL MYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
GLYCERYL POLYACRYLATE	GLYCERYL POLYACRYLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
GLYCERYL STEARATE/ PEG- 100 STEARATE	Glyceryl Stearate/ Peg-100 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
GLYCERYL STEARATE/ACETATE	GLYCERYL STEARATE/ACET ATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GLYCERYL THIOGLYCOLATE	GLYCERYL THIOGLYCOLATE	30618-84-9	The European Commission restricts this ingredient to a maximum concentration of 8% (calculated as thioglycolic acid) in hair waving products and 11% (calculated as thioglycolic acid) in hair straightening products.	The European Commission requires the following conditions of use on the label/package of general and professional use hair waving or straightening products: - 'May cause sensitization in the event of skin contact'; - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'; - 'Wear suitable gloves'. Additionally, the following warning text are required: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Lastly, the following warning must also be labeled in addition to the above on professional use hair waving or straightening products: - 'For professional use only'
GLYCERYL THIOGLYCOLATE	GLYCERYL THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors.	
Glyceryl Tri-Hydrogenated Rosinate			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 61%	
GLYCERYL TRIACETYL HYDROXYSTEARATE	GLYCERYL TRIACETYL HYDROXYSTEARA TE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	
GLYCERYL TRIACETYL RICINOLEATE	GLYCERYL TRIACETYL RICINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 49%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GLYCERYLMONO2ETHYLHEXA NOATEDIPMETHOXYCINNAMA TE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10%.	
GLYCINE SOJA (SOYBEAN) OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 95%	
GLYCINE SOJA (SOYBEAN) OIL UNSAPONIFIABLES	GLYCINE SOJA (SOYBEAN) OIL UNSAPONIFIABLE S		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.2%	
GLYCOFUROL	Glycofurol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
GLYCOL DISTEARATE	Glycol distearate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%.	
Glycol Ethers	Glycol ethers		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
GLYCOL STEARATE	GLYCOL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
GLYCOL STEARATE SE	GLYCOL STEARATE SE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GLYCOLIC ACID	Glycolic Acid	79-14-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 at final formulation when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
GLYCOLIC ACID	GLYCOLICACID	79-14-1	Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
GLYCOLIC ACID POLYMER	Glycolic Acid	79-14-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 at final formulation when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GLYCOLIC ACID POLYMER	GLYCOLICACID	79-14-1	Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
GLYCOLIC ACID, CALCIUM SALT	CALCIUM GLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
GLYCOLIC ACID, ETHYL ESTER	ETHYL GLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
GLYCOLICACIDAMMONIUMGL YCOLATE			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
Glycols, 1,2-, C12-16, ethoxylated propoxylated	Glycols, 1,2-, C12- 16, ethoxylated propoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
GLYCOLS, POLYETHYLENE, MONO(P-OCTYLPHENYL) ETHER	Glycols, Polyethylene, Mono(P- Octylphenyl) Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
GLYCOPROTEINS	Glycoprotein		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GLYCOSAMINOGLYCANS	Glycosaminoglyca ns		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	
GLYCOSPHINGOLIPIDS	Glycosphingolipid s		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	
GLYCYRRHETINIC ACID	GLYCYRRHETINIC ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides/PCB, toxic metals, and heavy metals	
GLYCYRRHETINYL STEARATE	GLYCYRRHETINYL STEARATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
GLYCYRRHIZA GLABRA (LICORICE) RHIZOME/ROOT			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	
GLYCYRRHIZA GLABRA (LICORICE) ROOT	GLYCYRRHIZA GLABRA (LICORICE) ROOT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	
GLYCYRRHIZA GLABRA (LICORICE) ROOT EXTRACT	GLYCYRRHIZA GLABRA (LICORICE) ROOT EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>®</sup> Product Restrictions *	Labels Must Bear These Warnings
GLYCYRRHIZA GLABRA		******	The Cosmetic Ingredient Review has	
(LICORICE) ROOT EXTRACT			determined that this ingredient is safe	
[POLY SOLUBLE]			as used up to a concentration of 0.06%.	
GLYCYRRHIZA IFLATA			The Cosmetic Ingredient Review has	
(LICORICE) ROOT EXTRACT			determined that this ingredient is safe	
[POLY SOLUBLE]			as used up to a concentration of 15%.	
GLYCYRRHIZINIC ACID	GLYCYRRHIZIC		The Cosmetic Ingredient Review has	
	ACID		determined that this ingredient is safe	
			as used up to a concentration of 0.1%.	
			Additionally, CIR has identified the	
			following potential	
			contaminants/impurities in this	
			ingredient: pesticides/PCB, toxic	
			metals, and heavy metals	
GLYOXAL	GLYOXAL	107-22-2	The European Commission restricts this	
	(FORMALDEHYDE		substance to a maximum concentration	
	RELEASER)		of 100 mg/kg." Skin Deep classification	
			should be: "Restricted use in European	
			cosmetics, Annex III, Directive 194	
GLYOXAL	Glyoxal	107-22-2	The Cosmetic Ingredient Review has	
			determined that this ingredient is safe	
			as used up to a concentration of 1.25%	
			in nail products.	
GOLD	Gold		The European Commission restricts the	
			silver and copper contents of this	
			ingredient to maximum concentrations	
			of 7% and 4%, respectively.	
GOLD (CI 77480)	Gold		The European Commission restricts the	
			silver and copper contents of this	
			ingredient to maximum concentrations	
			of 7% and 4%, respectively.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
GOSSYPIUM HERBACEUM (COTTON) SEED OIL	COTTONSEED (GOSSYPIUM) OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: gossypol, heavy metals, and pesticides.	
GOSSYPIUM HERBACEUM (COTTON) SEED OIL	gossypium (cotton) seed oil		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: gossypol, heavy metals, and pesticides.	
GRAPE SEED OIL PEG-8 ESTERS	Grape Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
GRAPEFRUIT PULP EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
GRAPEFRUIT PULP EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
GRAPEFRUIT PULP EXTRACT [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GRAPEFRUIT TERPENES [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
GRAPEFRUIT TERPENES [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
GRAPEFRUIT TERPENES [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
GRAPHITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
GREEN CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE	GUAR HYDROXYPROPY LTRIMONIUM CHLORIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE	GUAR HYDROXYPROPY LTRIMONIUM CHLORIDE		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%	
ΗΑΚΚΑ Υυ	MENTHA PIPERITA (PEPPERMINT) OIL		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
Halogen Containing Mineral Acid	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
HAZEL SEED OIL PEG-8 ESTERS	Hazel Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
HC BLUE 2	HC BLUE 2	33229-34-4	The European Commission restricts this ingredient to a maximum concentration of 2.8% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Can cause allergic reaction.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HC BLUE 2	HC BLUE 2	33229-34-4	The European Commission restricts this ingredient to a maximum concentration of 2.8% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Can cause allergic reaction.'
HC BLUE 2	HC BLUE 2	33229-34-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in hair dyes.	
HC BLUE NO. 11	HC BLUE NO. 11	23920-15-2	The European Commission restricts this ingredient to a maximum concentration of 2.0% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
HC BLUE NO. 11	HC BLUE NO. 11	23920-15-2	The European Commission restricts this ingredient to a maximum concentration of 2.0% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HC BLUE NO. 12	HC BLUE NO. 12	132885-85-9	The European Commission restricts this ingredient to a maximum concentration of 0.75% (as hydrochloride) applied to hair after mixing under oxidative conditions in oxidative hair dye products and 1.5% (as hydrochloride) in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
HC BLUE NO. 14	HC BLUE NO. 14	99788-75-7	The European Commission restricts this ingredient to a maximum concentration of 0.3% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HC BLUE NO. 15	Phosphoric acid compound with 4- [(2,6- dichlorophenyl) (4- imino- 3,5- dimethyl-2,5- cyclohexadien-1- ylidene) methyl]- 2,6- dimethylaniline (1:1)	74578-10-2	(*) The European Commission restricts this ingredient to a maximum concentration of 0.2% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 0.2% in non-oxidative hair dye products.	(*) The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: - you have a rash on your face or sensitive, irritated and damaged scalp, - you have ever experienced any reaction after colouring your hair, - you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of non-oxidative hair dyes: - 'Can cause allergic reactions.' Lastly, the European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'This product can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be
HC ORANGE NO.1	HC ORANGE NO.1	54381-08-7	The European Commission restricts this ingredient to a maximum concentration of 1.0% in non-oxidative hair dye products.	
HC ORANGE NO.1	HC ORANGE 1		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3% in hair dyes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HC ORANGE NO. 2	HC ORANGE NO. 2	85765-48-6	The European Commission restricts this ingredient to a maximum concentration of 1.0% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC ORANGE NO. 2	HC ORANGE NO. 2	85765-48-6	The European Commission restricts this ingredient to a maximum concentration of 1.0% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC RED 3	HC RED 3		The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
HC RED 7			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%	
HC RED NO.1	HC RED NO.1	2784-89-6	The European Commission restricts this ingredient to a maximum concentration of 1.0% in non-oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions.'
HC RED NO.1	HC RED 1	2784-89-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HC RED NO. 10	HC RED NO. 10	95576-89-9	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC RED NO. 10	HC RED NO. 10	95576-89-9	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC RED NO. 10	HC RED NO. 10	95576-89-9	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HC RED NO. 11	HC RED NO. 11	95576-92-4	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC RED NO. 13	HC RED NO. 13	94158-13-1	The European Commission restricts this ingredient to a maximum concentration of 1.25% (as hydrochloride) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.5% (as hydrochloride) in non-oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC RED NO. 13	HC RED NO. 13	94158-13-1	The European Commission restricts this ingredient to a maximum concentration of 1.25% (as hydrochloride) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 2.5% (as hydrochloride) in non-oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC RED NO. 7	HC RED NO. 7	24905-87-1	The European Commission restricts this ingredient to a maximum concentration of 1.0% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HC VIOLET NO.1	HC VIOLET NO.1	82576-75-8	The European Commission restricts this ingredient to a maximum concentration of 0.25% when applied to hair in oxidative hair dye products, and 0.28% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC VIOLET NO.1	HC VIOLET NO. 1	82576-75-8	The European Commission restricts this ingredient to a maximum concentration of 0.25% when applied to hair in oxidative hair dye products, and 0.28% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HC VIOLET NO.1	HC VIOLET NO. 1	82576-75-8	The European Commission restricts this ingredient to a maximum concentration of 0.25% when applied to hair in oxidative hair dye products, and 0.28% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HC VIOLET NO. 2	HC VIOLET NO. 2	104226-19-9	The European Commission restricts this ingredient to a maximum concentration of 2.0% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Can cause allergic reaction.'
HC VIOLET NO. 2	HC VIOLET NO. 2	104226-19-9	The European Commission restricts this ingredient to a maximum concentration of 2.0% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Can cause allergic reaction.'
HC YELLOW 2	HC YELLOW 2	4926-55-0	The European Commission restricts this ingredient to a maximum concentration of 0.75% applied to hair after mixing under oxidative conditions in oxidative hair dye products and 1.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause allergic reactions.'
HC YELLOW 2	HC YELLOW NO. 2	4926-55-0	The European Commission restricts this ingredient to a maximum concentration of 0.75% applied to hair after mixing under oxidative conditions in oxidative hair dye products and 1.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause allergic reactions.'
HC YELLOW 2	HC YELLOW 2	4926-55-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HC YELLOW 4	HC YELLOW 4	59820-43-8	The European Commission restricts this ingredient to a maximum concentration of 1.5% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
HC YELLOW 4	HC YELLOW 4	59820-43-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
HC YELLOW NO. 10	HC YELLOW NO.	109023-83-8	The European Commission restricts this ingredient to a maximum concentration of 0.1% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
HC YELLOW NO. 10	HC YELLOW NO. 10	109023-83-8	The European Commission restricts this ingredient to a maximum concentration of 0.1% in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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HC YELLOW NO. 13	HC YELLOW NO. 13	10442-83-8	The European Commission restricts this ingredient to a maximum concentration of 2.5% applied to hair after mixing under oxidative conditions. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'
HC YELLOW NO. 2	HC YELLOW 2	4926-55-0	The European Commission restricts this ingredient to a maximum concentration of 0.75% applied to hair after mixing under oxidative conditions in oxidative hair dye products and 1.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause allergic reactions.'
HC YELLOW NO. 2	HC YELLOW NO. 2	4926-55-0	The European Commission restricts this ingredient to a maximum concentration of 0.75% applied to hair after mixing under oxidative conditions in oxidative hair dye products and 1.0% in non- oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause allergic reactions.'
HC YELLOW NO. 2	HC YELLOW 2	4926-55-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
HC YELLOW NO. 5	HC YELLOW NO. 5		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1.6%.	
HC YELLOW NO. 7	HC YELLOW NO. 7	104226-21-3	The European Commission restricts this ingredient to a maximum concentration of 0.25% in non-oxidative hair dye products.	

Substance/Ingredient	Alternative name CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
HC YELLOW NO. 9	HC YELLOW NO. 9 86419	9-69-4 The European Commission restricts this ingredient to a maximum concentration of 0.5% (calculated as hydrochloride) in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.
HEA/Sodium Acryloyldimethyltaurate/ Steareth-20 Methacrylate Copolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.18%
HECTORITE	HECTORITE	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15% (up to 100% in skin cleansers).
HECTORITE	CLAYS AND MINERALS	Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.
HEILMOOR CLAY	CLAYS AND MINERALS	Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 96%

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL UNSAPONIFIABLES	HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL UNSAPONIFIABLE S		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
HEMA ACETOACETATE	HEMA- ACETOACETATE		The Cosmetic Ingredient Review restricts the use of this ingredient to nail enhancement products when skin contact is avoided. Additionally, products containing this ingredient should be accompanied with directions to avoid skin contact.	
Hexa-2,4-dienoic acid and its salts			(*) The European Commission restricts this ingredient to a maximum concentration of 0.6% (acid)	
HEXACHLOROPHENE	Hexachlorophene	70-30-4	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
HEXAMIDINE	HEXAMIDINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane.	
HEXAMIDINE	Benzenecarboximi damide, 4,4'-(1,6- hexanediylbis(oxy ))bis-, and its salts (including isothionate and p- hydroxybenzoate)		(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HEXAMIDINE DIISETHIONATE	HEXAMIDINE DIISETHIONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane.	
HEXAMIDINE DIISETHIONATE	Benzenecarboximi damide, 4,4'-(1,6- hexanediylbis(oxy ))bis-, and its salts (including isothionate and p- hydroxybenzoate)		(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	
HEXAMIDINE PARABEN	Benzenecarboximi damide, 4,4'-(1,6- hexanediylbis(oxy ))bis-, and its salts (including isothionate and p- hydroxybenzoate)		(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	
HEXETIDINE	5-Pyrimidinamine, 1,3-bis(2- ethylhexyl)hexahy dro-5-methyl-	141-94-6	(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	
HEXYL CINNAMAL	HEXYL CINNAMAL	101-86-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
HEXYL CINNAMAL	HEXYL CINNAMAL	101-86-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

		Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Ladeis must Bear These Warnings
HEXYL CINNAMAL address content of the international Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in lip products, 0.9% in deodorants/antiperspirants, 3.6% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 10.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 5.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 17.1% in mouthwashes, breath sprays, and toothpastes, 13% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nall products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	EXYL CINNAMAL	α-Hexyl cinnamic aldehyde	101-86-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.7% in lip products, 0.9% in deodorants/antiperspirants, 3.6% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 10.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 5.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 17.1% in mouthwashes, breath sprays, and toothpastes, 1.8% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HEXYL SALICYLATE	Hexyl salicylate	6259-76-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 1% in lip products, 1.3% in deodorants/antiperspirants, 5.3% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 16% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 8.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 25.7% in mouthwashes, breath sprays, and toothpastes, 2.7% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
HEXYLDECETH-2	HEXYLDECETH-2	52609-19-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HEXYLDECETH-20	HEXYLDECETH-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
HEXYLDODECYL SALICYLATE	HEXYLDODECYL SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
HEXYLENE GLYCOL	Hexylene glycol	107-41-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
HINOKITIOL	Hinokitiol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in products meant to be applied to the mucosa.	
HINOKITIOL	Hinokitiol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	
HIPPOPHAE RHAMNOIDES (SEA BUCKTHORN) OIL	HIPPOPHAE RHAMNOIDES OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7%.	
HOKKAIDO AKAN CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HOMOSALATE	HOMOMENTHYLS ALICYLATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10%.	
HUILE MINERALE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
HUMAN PLACENTAL ENZYMES	HUMANPLACENT ALENZYMES		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HUMAN PLACENTAL EXTRACT	HUMANPLACENT ALEXTRACTS		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HUMAN PLACENTAL LIPIDS	HUMANPLACENT ALLIPIDS		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HUMAN PLACENTAL PROTEIN	HUMANPLACENT ALPROTEIN		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HUMAN UMBILICAL EXTRACT	HUMANUMBILICA LEXTRACT		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HUMANORIGIN			Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYALURONIC ACID	HYALURONIC ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDRATROPIC ALDEHYDE	2- PHENYLPROPION ALDEHYDE	93-53-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.01% in deodorants/antiperspirants, 0.06% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.17% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.09% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.28% in mouthwashes, breath sprays, and toothpastes, 0.03% in intimate wipes, and baby wipes, 0.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 1.9% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
HYDROCARBON OILS, AROM., MIXED WITH POLYETHYLENE AND POLYPROPYLENE, PYROLYZED, LIGHT OIL FRACTION	HYDROCARBON OILS, AROM., MIXED WITH POLYETHYLENE AND POLYPROPYLENE , PYROLYZED, LIGHT OIL FRACTION	100801-63-6	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROCARBON OILS, AROM., MIXED WITH POLYETHYLENE, PYROLYZED, LIGHT OIL FRACTION	HYDROCARBON OILS, AROM., MIXED WITH POLYETHYLENE, PYROLYZED, LIGHT OIL FRACTION	100801-65-8	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
HYDROCARBON OILS, AROM., MIXED WITH POLYSTYRENE, PYROLYZED, LIGHT OIL FRACTION	HYDROCARBON OILS, AROM., MIXED WITH POLYSTYRENE, PYROLYZED, LIGHT OIL FRACTION	100801-66-9	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
	Alternative name Hydrogen peroxide	7722-84-1	EWG VERIFIED <sup>IM</sup> Product Restrictions * The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	Labels Must Bear These Warnings The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For
				protessional use only'; - 'Avoid contact
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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROGEN PEROXIDE	Hydrogen peroxide	7722-84-1	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROGEN PEROXIDE	HYDROGENPERO XIDE	7722-84-1	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
HYDROGEN PEROXIDE	HYDROGENPERO XIDE	7722-84-1	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROGENATED C12-18 TRIGLYCERIDES	Hydrogenated C12- 18 Triglycerides		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 39%	
HYDROGENATED CASTOR OIL PEG-8 ESTERS	Hydrogenated Castor Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
HYDROGENATED COCONUT ACID	HYDROGENATED COCONUT ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
HYDROGENATED COTTONSEED GLYCERIDE	HYDROGENATED COTTONSEED GLYCERIDE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: gossypol, heavy metals, and pesticides.	
HYDROGENATED COTTONSEED OIL	HYDROGENATED COTTONSEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 24%.	
HYDROGENATED GRAPESEED SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
HYDROGENATED GRAPESUIT SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.5%	
HYDROGENATED LANOLIN	HYDROGENATED LANOLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
HYDROGENATED LARD	HYDROGENATED LARD		The Cosmetic Ingredient Review restricts the lead, arsenic, mercury, and total PCB/pesticide contents of this ingredient to maximum concentrations of 0.1 ppm, 3 ppm, 1 ppm, and 40 ppm (with 10 ppm for any specific residue), respectively.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROGENATED LARD GLYCERIDE	HYDROGENATED LARD GLYCERIDE		The Cosmetic Ingredient Review restricts the lead, arsenic, mercury, and total PCB/pesticide contents of this ingredient to maximum concentrations of 0.1 ppm, 3 ppm, 1 ppm, and 40 ppm (with 10 ppm for any specific residue), respectively.	
HYDROGENATED LARD GLYCERIDE	HYDROGENATED LARD GLYCERIDES		The Cosmetic Ingredient Review restricts the lead, arsenic, mercury, and total PCB/pesticide contents of this ingredient to maximum concentrations of 0.1 ppm, 3 ppm, 1 ppm, and 40 ppm (with 10 ppm for any specific residue), respectively.	
HYDROGENATED LARD GLYCERIDES	HYDROGENATED LARD GLYCERIDES		The Cosmetic Ingredient Review restricts the lead, arsenic, mercury, and total PCB/pesticide contents of this ingredient to maximum concentrations of 0.1 ppm, 3 ppm, 1 ppm, and 40 ppm (with 10 ppm for any specific residue), respectively.	
HYDROGENATED OLIVE OIL	HYDROGENATED OLIVE OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	
HYDROGENATED OLIVE OIL UNSAPONIFIABLES	HYDROGENATED OLIVE OIL UNSAPONIFIABLE S		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	
HYDROGENATED ORANGE SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 5%	
HYDROGENATED PALM KERNEL OIL	HYDROGENATED PALM KERNEL OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 13%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROGENATED PALM/ PALM KERNEL OIL PEG-6 ESTERS	Hydrogenated Palm/ Palm Kernel Oil Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
HYDROGENATED PEANUT OIL	HYDROGENATED PEANUT OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
HYDROGENATED RAPESEED OIL	HYDROGENATED RAPESEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
HYDROGENATED SHEA BUTTER	HYDROGENATED SHEA BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
HYDROGENATED SOYBEAN OIL	HYDROGENATED SOYBEAN OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 42%	
HYDROGENATED SUNFLOWER SEED OIL	HYDROGENATED SUNFLOWER SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 35%	
HYDROGENATED SWEET ALMOND OIL	HYDROGENATED SWEET ALMOND OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
HYDROGENATED TALLOW GLYCERIDE	HYDROGENATED TALLOW GLYCERIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
HYDROGENATED TALLOW GLYCERIDE	HYDROGENATED TALLOW GLYCERIDES		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
HYDROGENATED TALLOW GLYCERIDES	HYDROGENATED TALLOW GLYCERIDES		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROGENATED TALLOWALKONIUM CHLORIDE	HYDROGENATED TALLOWALKONIU M CHLORIDE	61789-72-8	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinse-off hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	The European Commission requires the following warning text on the product label/package: - 'Avoid contact with the eyes'
HYDROGENATED TALLOWAMIDE DEA	HYDROGENATED TALLOWAMIDE DEA	68440-32-4	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
HYDROGENATED TALLOWAMIDE DEA	HYDROGENATED TALLOWAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROGENATED TALLOWAMINE	HYDROGENATED TALLOWAMINE	61788-45-2	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
HYDROGENATED VEGETABLE OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 60%	
HYDROLYZED ACTIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED ALBUMEN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROLYZED CAESALPINIA SPINOSA GUM	HYDROLYZED CAESALPINIA SPINOSA GUM		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	
HYDROLYZED CAESALPINIA SPINOSA GUM	HYDROLYZED CAESALPINIA SPINOSA GUM		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	
HYDROLYZED CITRUS AURANTIUM DULCIS (ORANGE) FRUIT EXTRACT	Hydrolyzed Citrus Aurantium Dulcis Fruit Extract		(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
HYDROLYZED COLLAGEN	HYDROLYZED COLLAGEN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
HYDROLYZED CONCHIOLIN PROTEIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROLYZED ELASTIN HYDROLYZED ELASTIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED EXTENSIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED FIBRONECTIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROLYZED GADIDAE PROTEIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED GUAR	HYDROLYZED GUAR		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
HYDROLYZED GUAR	HYDROLYZED GUAR		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%	
HYDROLYZED HEMOGLOBIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED HEMP SEED PROTEIN	HYDROLYZEDHE MPSEEDPROTEIN		Health Canada restricts the THC (delta- 9-tetrahydrocannabinol) content of this ingredient to a maximum concentration of 10 microgram/g.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROLYZED HUMAN PLACENTAL PROTEIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED JOJOBA ESTERS	HYDROLYZED JOJOBA ESTERS		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
HYDROLYZED KERATIN	Keratin		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED PLACENTAL PROTEIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROLYZED PROTEIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED RETICULIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED RICE BRAN EXTRACT	HYDROLYZED RICE BRAN EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.0004%. Additionally, the ingredient cannot contain significant levels of pesticide residues or heavy metals.	
HYDROLYZED RICE BRAN PROTEIN	HYDROLYZED RICE BRAN PROTEIN		The Cosmetic Ingredient Review restricts this ingredient in that it cannot contain significant levels of pesticide residues or heavy metals.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROLYZED RICE EXTRACT	HYDROLYZED RICE EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%. Additionally, the ingredient cannot contain significant levels of pesticide residues or heavy metals.	
HYDROLYZED RICE PROTEIN	HYDROLYZED RICE PROTEIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, the ingredient cannot contain significant levels of pesticide residues or heavy metals.	
HYDROLYZED SERICIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED SERUM PROTEIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROLYZED SOY PROTEIN/DIMETHICONE PEG-7 ACETATE	Hydrolyzed Soy Protein/dimethico ne Peg-7 Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
HYDROLYZED SPINAL PROTEIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROLYZED WHEAT PROTEIN/DIMETHICONE PEG-7 ACETATE	Hydrolyzed Wheat Protein/dimethico ne Peg-7 Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
HYDROLYZED WHEAT PROTEIN/DIMETHICONE PEG-7 PHOSPHATE COPOLYMER	Hydrolyzed Wheat Protein/dimethico ne Peg-7 Phosphate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROLYZED WHEAT PROTEIN/PEG-20 ACETATE COPOLYMER	Hydrolyzed Wheat Protein/peg-20 Acetate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
HYDROLYZEDKERATINFROMH UMANHAIR			Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
HYDROQUINONE	Hydroquinone	123-31-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% for cosmetic formulations designed for discontinuous, brief use followed by rinsing from the skin and hair. Hydroquinone is safe for use in nail adhesives and in artificial nail coatings, as a polymeriza. It is unsafe in all other leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROQUINONE	Hydroquinone	123-31-9	Health Canada restricts this ingredient to a maximum concentration of 0.3% as an oxidizing coloring agent in hair dyes, 0.02% in two-component (acrylic) artificial nail systems (after mixing for use), and 0.1% in cyanoacrylate adhesive products. This ingredient is only allowed in hair dye products, nail products and cyanoacrylate-based adhesives.	Health Canada requires the following on the product label/package of hair dye products: - 'Contains hydroquinone'; - 'Do not use to dye eyelashes or eyebrows'. For nail products, the following text are required: - 'Avoid skin contact'; - 'Read directions carefully before using'. Lastly, the following text are required on the label/package of cyanoacrylate adhesive products: - 'Avoid skin contact'; - 'Read directions carefully before using'
HYDROXY METHYLPENTYL 3 CYCLOHEXENE CARBOXALDEHYDE		31906-04-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
HYDROXYANISOLE	HYDROXYANISOL E	150-76-5	The European Commission restricts this ingredient to a maximum concentration of 0.02% after mixing for use in artificial nail systems.	The European Commission requires the following warning text on the product label/package: - 'For professional use only'; - 'Avoid skin contact'; - 'Read directions for use carefully'
HYDROXYANISOLE	HYDROXYANISOL E	150-76-5	The European Commission restricts this ingredient to a maximum concentration of 0.02% after mixing for use in artificial nail systems.	The European Commission requires the following warning text on the product label/package: - 'For professional use only'; - 'Avoid skin contact'; - 'Read directions for use carefully'
HYDROXYANISOLE	PHYDROXYANISO LE	150-76-5	Health Canada restricts this ingredient to professional use artificial nail systems products at a maximum concentration of 0.02% (after mixing).	Health Canada requires the following warning text on the product label/package: - 'For professional use only'; - 'Avoid skin contact'; - 'Read use directions carefully'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROXYANTHRAQUINONEA MINOPROPYL METHYL MORPHOLINIUM METHOSULFATE	1-N- Methylmorpholiniu mpropylamino-4- hydroxyanthraquin one, methyl sulfate	38866-20-5	(*) The European Commission restricts this ingredient to a maximum concentration of 0.5% when applied to hair in non-oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	(*) The European Commission requires the following on the product label/package: 'Hair colorants can cause severe allergic reactions. Read and follow instructions. This product is not intended for use on persons under the age of 16. Temporary 'black henna' tattoos may increase your risk of allergy. Do not colour your hair if: - you have a rash on your face or sensitive, irritated and damaged scalp, - you have ever experienced any reaction after colouring your hair, -you have experienced a reaction to a temporary 'black henna' tattoo in the past.' '
HYDROXYBENZOMORPHOLIN E	HYDROXYBENZO MORPHOLINE	26021-57-8	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROXYBENZOMORPHOLIN E	HYDROXYBENZO MORPHOLINE	26021-57-8	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
HYDROXYBENZOMORPHOLIN E	HYDROXYBENZO MORPHOLINE	26021-57-8	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROXYBENZOMORPHOLIN E	HYDROXYBENZO MORPHOLINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.03%.	
HYDROXYCAPRYLIC ACID	HYDROXYCAPRYL ICACID		Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
HYDROXYCETETH-60	Hydroxyceteth-60		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROXYCETYL HYDROXYETHYLSTEARAMIDE	HYDROXYCETYL HYDROXYETHYLS TEARAMIDE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
HYDROXYCITRONELLAL	Hydroxycitronellal	107-75-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
HYDROXYCITRONELLAL	Hydroxycitronellal	107-75-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROXYCITRONELLAL	Hydroxycitronellal	107-75-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.2% in deodorants/antiperspirants, 0.8% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 3.6% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
HYDROXYETHYL ACRYLATE/ SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 4%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROXYETHYL ISOSTEARYLOXY ISOPROPANOLAMINE	HYDROXYETHYL ISOSTEARYLOXY ISOPROPANOLA MINE	158314-47-7	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
HYDROXYETHYL-2-NITRO-P- TOLUIDINE	HYDROXYETHYL- 2-NITRO-P- TOLUIDINE	100418-33-5	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROXYETHYL-2-NITRO-P- TOLUIDINE	HYDROXYETHYL- 2-NITRO-P- TOLUIDINE	100418-33-5	The European Commission restricts this ingredient to a maximum concentration of 1.0% applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 1.0% in non- oxidative hair dye products.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
HYDROXYETHYL-3,4- METHYLENEDIOXYANILINE HCL	HYDROXYETHYL- 3,4- METHYLENEDIOX YANILINE HCL	94158-14-2	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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HYDROXYETHYL-3,4- METHYLENEDIOXYANILINE HCL	HYDROXYETHYL- 3,4- METHYLENEDIOX YANILINE HCL	94158-14-2	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HYDROXYETHYL-3,4- METHYLENEDIOXYANILINE HCL	HYDROXYETHYL- 3,4- METHYLENEDIOX YANILINE HCL	94158-14-2	The European Commission restricts this ingredient to a maximum concentration of 1.5% applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HYDROXYETHYL-P- PHENYLENEDIAMINE SULFATE	HYDROXYETHYL- P- PHENYLENEDIAM INE SULFATE	93841-25-9	The European Commission restricts this ingredient to a maximum concentration of 2.0% (calculated as sulphate) applied to hair after mixing under oxidative conditions in oxidative hair dye products.	
HYDROXYETHYLBUTYLAMINE LAURETH SULFATE	Hydroxyethylbutyl amine Laureth Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROXYETHYLCELLULOSE	HYDROXYETHYLC ELLULOSE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
HYDROXYISOHEXYL 3- CYCLOHEXENE CARBOXALDEHYDE	HYDROXYISOHEX YL 3- CYCLOHEXENE CARBOXALDEHY DE	31906-04-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
HYDROXYMETHOXYBENZOPH ENONESULFONATEANDITSTRI HYDRATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% (calculated as the total amount of hydroxymethoxybenzophenone sulfonate) in rinse-off products (not applied to mucosa).	
HYDROXYMETHOXYBENZOPH ENONESULFONATEANDITSTRI HYDRATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% (calculated as the total amount of hydroxymethoxybenzophenone sulfonate) in products meant to be applied to the mucosa.	
HYDROXYMETHOXYBENZOPH ENONESULFONATEANDITSTRI HYDRATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% (calculated as the total amount of hydroxymethoxybenzophenone sulfonate) in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
HYDROXYMETHYLPENTYLCYC LOHEXENE CARBALDEHYDE	4-(4-Hydroxy-4- methylpentyl)-3- cyclohexene-1- carboxaldehyde (HMPCC)	51414-25-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.2% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.2% in mouthwashes, breath sprays, and toothpastes, 0.02% in intimate wipes, and baby wipes, 0.2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.2% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
HYDROXYPROPYL BIS(N- HYDROXYETHYL-P- PHENYLENEDIAMINE) HCL	Hydroxypropyl Bis(N- Hydroxyethyl-p- Phenylenediamine ) HCL	128729-28-2	The European Commission restricts this ingredient to a maximum concentration of 0.4% (as tetrahydrochloride) applied to hair after mixing under oxidative conditions.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'; - 'Read and follow instructions'
HYDROXYPROPYL GUAR	HYDROXYPROPY L GUAR		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
HYDROXYPROPYL GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE	HYDROXYPROPY L GUAR HYDROXYPROPY LTRIMONIUM CHLORIDE		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.9%	
HYDROXYPROPYL METHYLCELLULOSE	Hydroxypropyl Methylcellulose	9004-65-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
HYDROXYPROPYL PANTHENYL PEG-7 DIMETHICONE	Hydroxypropyl Panthenyl Peg-7 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
HYDROXYPROPYLCELLULOSE	HYDROXYPROPY LCELLULOSE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
HYDROXYSTEARAMIDE MEA	HYDROXYSTEARA MIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
HYDROXYSTEARIC ACID	HYDROXYSTEARI C ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
ILLITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
IMIDAZOLIDINYL UREA	lmidazolidinyl urea	39236-46-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
IMIDAZOLIDINYL UREA	N,N"- Methylenebis[N'-[3 (hydroxymethyl)- 2,5- dioxoimidazolidin- 4-yl]urea]	39236-46-9	(*) The European Commission restricts this ingredient to a maximum concentration of 0.60%	
Indanedioxa			Health Canada restricts this ingredient for use as a fragrance ingredient.	
Inorganic sulphites and hydrogensulphites (5)			(*) The European Commission restricts this ingredient to a maximum concentration of 0.2% (as free SO2)	
INTERNAL EWG REVIEW CHEMICAL	benzyl alcohol	100-51-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
IODOPROPYNYL BUTYLCARBAMATE	IODOPROPYNYL BUTYLCARBAMAT E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%. Additionally, it may not be used in aerosol products.	
IODOPROPYNYL BUTYLCARBAMATE	IODOPROPYNYLB UTYLCARBAMATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.02% in rinse-off products (not applied to mucosa).	
IODOPROPYNYL BUTYLCARBAMATE	IODOPROPYNYLB UTYLCARBAMATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.02% in products meant to be applied to the mucosa.	
IODOPROPYNYL BUTYLCARBAMATE	IODOPROPYNYLB UTYLCARBAMATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.02% in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
IODOPROPYNYL BUTYLCARBAMATE	IODOPROPYNYLB UTYLCARBAMATE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in aerosol products.	
IODOPROPYNYL BUTYLCARBAMATE	3-lodo-2- propynylbutylcarb amate	55406-53-6	(*) The European Commission restricts this ingredient to a maximum concentration of 0.02% in rinse-off products, 0.015% in leave-on products, and 0.0075% in deodorants/antiperspirants	
IPDI/PEG-15 COCAMINE COPOLYMER	lpdi/peg-15 Cocamine Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
IPDI/PEG-15 COCAMINE COPOLYMER DIMER DILINOLEATE	Ipdi/peg-15 Cocamine Copolymer Dimer Dilinoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
IPDI/PEG-15 COCAMINE/GLYCERETH- 7/POLYGLYCERYL-3 COPOLYMER	lpdi/peg-15 Cocamine/glycere th-7/polyglyceryl- 3 Copolymer	373387-50-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
IPDI/PEG-15 SOY GLYCINATE COPOLYMER	Ipdi/peg-15 Soy Glycinate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
IPDI/PEG-15 SOYAMINE COPOLYMER	Ipdi/peg-15 Soyamine Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
IPDI/PEG-15 SOYAMINE OXIDE COPOLYMER	Ipdi/peg-15 Soyamine Oxide Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
IPDI/PEG-15 SOYETHONIUM ETHOSULFATE COPOLYMER	Ipdi/peg-15 Soyethonium Ethosulfate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
IRVINGIA GABONENSIS (OBA) KERNEL BUTTER	IRVINGIA GABONENSIS KERNEL BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISATIN	ISATIN	91-56-5	The European Commission restricts this ingredient to a maximum concentration of 1.6% in non-oxidative hair dye products.	The European Commission requires the following on the product label/package: - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
ISOAMYL ALLYLGLYCOLATE	ISOAMYL ALLYLGLYCOLAT E	67634-00-8	The European Commission restricts the level of free allyl alcohol in the ester to less than 0.1%.	
ISOBERGAMATE	ISOBERGAMATE	68683-20-5	The European Commission restricts this ingredient to a maximum concentration of 0.10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOBERGAMATE	Menthadiene-7- methyl formate	68683-20-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ISOBUTANE	Isobutane	75-28-5	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
ISOBUTANE	Isobutane	75-28-5	Health Canada bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene.	
ISOBUTYL BENZOATE	ISOBUTYL BENZOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.01%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOBUTYLPARABEN	ISOBUTYLPARAB EN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	
ISOCETEARETH-8 STEARATE	lsoceteareth-8 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETETH-10	ISOCETETH-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETETH-10 STEARATE	Isoceteth-10 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETETH-12	ISOCETETH-12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOCETETH-15	ISOCETETH-15		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETETH-20	ISOCETETH-20	69364-63-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETETH-25	ISOCETETH-25		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETETH-3 ACETATE	Isoceteth-3 Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETETH-30	ISOCETETH-30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOCETETH-5	ISOCETETH-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETETH-7	ISOCETETH-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOCETYL SALICYLATE	ISOCETYL SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ISOCYCLOCITRAL	ISOCYCLOCITRAL	1335-66-6	The International Fragrance Association	
			restricts this ingredient to a maximum	
			concentration of 0.2% in lip products,	
			0.3% in deodorants/antiperspirants, 1.1%	
			in hydroalcoholic products applied to	
			recently shaved skin, men's facial	
			creams and balms, eye products, and	
			baby creams, lotions and oils, 3.2% in	
			hydroalcoholic products applied to	
			unshaved skin (e.g. perfume), body	
			sprays, hair styling aids and sprays,	
			body creams, oils and lotions, and foot	
			care products, 1.7% in women's facial	
			creams and makeup, hand creams,	
			facial masks, baby powder, wipes, hand	
			sanitizers, and dry shampoos, 5.1% in	
			mouthwashes, breath sprays, and	
			toothpastes, 0.5% in intimate wipes, and	
			baby wipes, 2% in makeup removers,	
			non-spray hair styling aids, nail	
			products, powders, and hair dyes, and	
			5% in bath products (bar and liquid	
			soap, bath gels, body washes,	
			depilatories, facial cleansers, shampoos,	
			conditioners, etc.).	
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Substance/Ingredient	Alternative name	CAS	EWG VERIEIED™ Product Restrictions *	Labels Must Bear These Warnings
	Alternative hame	CAS		
Substance/Ingredient ISOCYCLOCITRAL	Alternative name	CAS 1423-46-7	EWG VERIFIED <sup>™</sup> Product Restrictions * The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.3% in deodorants/antiperspirants, 1.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 3.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 5.1% in mouthwashes, breath sprays, and toothpastes, 0.5% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and	Labels Must Bear These Warnings
			products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes,	
			depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
ISOCYCLOCITRAL	ISOCYCLOCITRAL	67634-07-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.3% in deodorants/antiperspirants, 1.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 3.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 5.1% in mouthwashes, breath sprays, and toothpastes, 0.5% in initimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
ISOCYCLOGERANIOL	ISOCYCLOGERANI OL	68527-77-5	The European Commission restricts this ingredient to a maximum concentration of 0.5%.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOCYCLOGERANIOL	ISOCYCLOGERANI	68527-77-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.11% in lip products, 0.14% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.8% in mouthwashes, breath sprays, and toothpastes, 0.3% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ISODECETH-2 COCOATE	Isodeceth-2 Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ISODECETH-4	ISODECETH-4		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISODECETH-5	ISODECETH-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISODECETH-6	ISODECETH-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISODECYL OLEATE	ISODECYL OLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	
ISODECYL SALICYLATE	ISODECYL SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
ISOEUGENOL	Isoeugenol	97-54-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOEUGENOL	Isoeugenol	97-54-1		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
ISOEUGENOL	Isoeugenol	97-54-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.01% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.2% in mouthwashes, breath sprays, and toothpastes, 0.02% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOLAURETH-10	ISOLAURETH-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOLAURETH-3	ISOLAURETH-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOLAURETH-4 PHOSPHATE	Isolaureth-4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOLAURETH-6	ISOLAURETH-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient ISOMETHYL-beta-IONONE	Alternative name Methyl ionone, mixed isomers	CAS 79-89-0	EWG VERIFIED <sup>™</sup> Product Restrictions * The International Fragrance Association restricts this ingredient to a maximum concentration of 2% in lip products, 2.59% in deodorants/antiperspirants, 10.56% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 31.67% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 16.67%	Labels Must Bear These Warnings
			and sprays, body creams, oils and lotions, and foot care products, 16.67% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 50.72% in mouthwashes, breath sprays, and toothpastes, 5.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body	
			washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOOCTYL THIOGLYCOLATE	ISOOCTYL THIOGLYCOLATE	25103-09-7	The European Commission restricts this ingredient to a maximum concentration of 8% (calculated as thioglycolic acid) in hair waving products and 11% (calculated as thioglycolic acid) in hair straightening products.	The European Commission requires the following conditions of use on the label/package of general and professional use hair waving or straightening products: - 'May cause sensitization in the event of skin contact'; - 'Avoid contact with eyes,'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'; - 'Wear suitable gloves'. Additionally, the following warning text are required: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Lastly, the following warning must also be labeled in addition to the above on professional use hair waving or straightening products: - 'For professional use only'
ISOOCTYL THIOGLYCOLATE	ISOOCTYL THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ISOPROPANOLAMINE	isopropanolamine	78-96-6	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
ISOPROPANOLAMINE LANOLATE	ISOPROPANOLA MINE LANOLATE	85536-46-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
ISOPROPYL ACETATE	lsopropyl acetate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
ISOPROPYL CRESOLS			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
ISOPROPYL CRESOLS	ISOPROPYL CRESOLS		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOPROPYL METHOXYCINNAMATE	ISOPROPYLPMET HOXYCINNAMATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 7.9% in rinse-off products (not applied to mucosa) when combined with diisopropyl cinnamate ester (mixture of ethyl 2,4-diisopropyl cinnamate and methyl 2,4-diisopropyl cinnamate).	
ISOPROPYL METHOXYCINNAMATE	ISOPROPYLPMET HOXYCINNAMATE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa when combined with diisopropyl cinnamate ester (mixture of ethyl 2,4-diisopropyl cinnamate and methyl 2,4-diisopropyl cinnamate).	
ISOPROPYL METHOXYCINNAMATE	ISOPROPYLPMET HOXYCINNAMATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 7.9% in leave-on products (not applied to mucosa) when combined with diisopropyl cinnamate ester (mixture of ethyl 2,4-diisopropyl cinnamate and methyl 2,4-diisopropyl cinnamate).	
ISOPROPYL PPG-2 ISODECETH- 7 CARBOXYLATE	Isopropyl Ppg-2 Isodeceth-7 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOPROPYL THIOGLYCOLATE	ISOPROPYL THIOGLYCOLATE	7383-61-1	The European Commission restricts this ingredient to a maximum concentration of 8% (calculated as thioglycolic acid) in hair waving products and 11% (calculated as thioglycolic acid) in hair straightening products.	The European Commission requires the following conditions of use on the label/package of general and professional use hair waving or straightening products: - 'May cause sensitization in the event of skin contact'; - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'; - 'Wear suitable gloves'. Additionally, the following warning text are required: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Lastly, the following warning must also be labeled in addition to the above on professional use hair waving or straightening products: - 'For professional use only'
ISOPROPYL THIOGLYCOLATE	ISOPROPYL THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOPROPYLAMINE	Isopropylamine	75-31-0	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
ISOPROPYLAMINE DODECYLBENZENESULFONAT E	ISOPROPYLAMIN E DODECYLBENZE NESULFONATE	26264-05-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
ISOPROPYLAMINE DODECYLBENZENESULFONAT E [based on the component: ISOPROPYLAMINE]	Isopropylamine	75-31-0	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOPROPYLIDENEDIPHENOL BISHYDROXYPROPYL PEG-180	Isopropylidenedip henol Bishydroxypropyl Peg-180		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOPROPYLPARABEN	ISOPROPYLPARA BEN	4191-73-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	
ISOSTEARAMIDE DEA	ISOSTEARAMIDE DEA	52794-79-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
ISOSTEARAMIDE DEA	ISOSTEARAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
Isostearamide MEA (amended)			(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ISOSTEARAMIDOPROPYL BETAINE	ISOSTEARAMIDO PROPYL BETAINE	63566-37-0	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
ISOSTEARAMIDOPROPYL DIMETHYLAMINE	lsostearamidoprop yl dimethylamine	67799-04-6	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
ISOSTEARETH-10	ISOSTEARETH-20	52292-17-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOSTEARETH-10	ISOSTEARETH-2	52292-17-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ISOSTEARETH-10	ISOSTEARETH-10	52292-17-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOSTEARETH-2	ISOSTEARETH-2	52292-17-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOSTEARETH-20	ISOSTEARETH-20	52292-17-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ISOSTEARYL ACETATE	ISOSTEARYL ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
ISOSTEARYL BENZOATE	ISOSTEARYL BENZOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
ISOSTEARYL CARBOXYDECYL PEG-8 DIMETHICONE	Isostearyl Carboxydecyl Peg 8 Dimethicone	-	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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ISOSTEARYL GLYCERYL ETHER	ISOSTEARYL GLYCERYL ETHER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.02%.	
ISOSTEARYL NEOPENTANOATE	ISOSTEARYL NEOPENTANOAT E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.	
ISOSTEARYL SEBACATE	ISOSTEARYL SEBACATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7%.	
Jasmine	Jasmine absolute (sambac)	91770-14-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.25% in lip products, 0.32% in deodorants/antiperspirants, 1.33% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 4% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 6.4% in mouthwashes, breath sprays, and toothpastes, 0.7% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient Alternative name CAS EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings	CAS EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
JASMINE ABSOLUTEJasmine absolute (grandiflorum)84776-64-7The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.22% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.4% in women's facial creams and makeup, hand creams, facial creams and makeup, hand creams, facial creams and makeup, hand creams, facial creams and dry shampoos, 11% in mouthwashes, breath sprays, and toothy wipes, 15% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and baby wipes, 15% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	84776-64-7 The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.22% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

Jasmine absolute 8024-43-9 The International Fragrance Association	
(grandiflorum) restricts this ingredient to a maximum	
concentration of 0.04% in lip products,	
0.05% in deodorants/antiperspirants,	
0.22% in hydroalcoholic products	
applied to recently shaved skin, men's	
facial creams and balms, eye products,	
and baby creams, lotions and oils, 0.7%	
in hydroalcoholic products applied to	
unshaved skin (e.g. perfume), body	
sprays, hair styling aids and sprays,	
body creams, oils and lotions, and foot	
care products, 0.4% in women's facial	
creams and makeup, hand creams,	
facial masks, baby powder, wipes, hand	
sanitizers, and dry shampoos, 1.1% in	
mouthwashes, breath sprays, and	
toothpastes, 0.1% in intimate wipes, and	
baby wipes, 1.5% in makeup removers,	
non-spray hair styling aids, nail	
products, powders, and hair dyes, and	
5% in bath products (bar and liquid	
soap, bath gels, body washes,	
depilatories, facial cleansers, shampoos,	
conditioners, etc.).	

Substance/Ingredient Alternative name CAS EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
JASMINUM OFFICINALE (JASMINE) EXTRACT Jasmine absolute (grandiflorum) 90045-94-6 The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.22% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.5% in makeup removers, proventient to a maximum

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JASMINUM OFFICINALE (JASMINE) OIL	Jasmine absolute (grandiflorum)	8022-96-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.22% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.7% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
JUGLANS REGIA (PERSIAN WALNUT)	JUGLANS REGIA (WALNUT) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
JUGLANS REGIA (PERSIAN WALNUT) SEED OIL	JUGLANS REGIA (WALNUT) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
JUNIPERUS OXYCEDRUS WOOD OIL RECTIFIED	Cade oil - Juniperus oxycedrus L. (purified)	90046-02-9	The International Fragrance Association restricts the total benzopyrene and 1,2- benzanthracene content of the purified form of this ingredient to a maximum of 1ppb in the final product.	

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KAOLIN	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
Kaolin Clay	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
KAOLIN DIOLEATE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
KAOLIN, CALCINED	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
KAOLINITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Kathon CG-ICP [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone	26172-55-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15 ppm in rinse-off products and 7.5 ppm in leave-on products.	
Kathon CG-ICP [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone	26172-55-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15 ppm in rinse-off products and 7.5 ppm in leave-on products.	
Kathon CG-ICP [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone	26172-55-4	Health Canada restricts this ingredient to a maximum concentration of 0.0015% in rinse-off products and prohibited in leave-on products. Additionally, the ingredient is only permitted in combination with methylisothiazolinone.	
Kathon CG-ICP [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 0.075% in rinse-off products (not applied to mucosa) when combined with methyl isothiazolinone.	
Kathon CG-ICP [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa when combined with methyl isothiazolinone.	
Kathon CG-ICP [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in leave-on products (not applied to mucosa) when combined with methyl isothiazolinone.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Kathon CG-ICP [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone	26172-55-4	(*) Health Canada restricts the use of this ingredient to leave-on products when used in combination with methylisothiazolinone, and a maximum concentration of 0.0015% in rinse-off products.	(*) Restricted to 0.0015% in rinse-off products.
Kathon CG-ICP [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 100 ppm.	
Kathon CG-ICP [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one	2682-20-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 100 ppm.	
Kathon CG-ICP [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one	2682-20-4	Health Canada restricts this ingredient to a maximum concentration of 0.01% as a preservative.	
Kathon CG-ICP [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinse-off products (not applied to mucosa).	
Kathon CG-ICP [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
Kathon CG-ICP [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	
Kathon CG-ICP [based on the component: METHYLISOTHIAZOLINONE]	2-Methyl-2H- isothiazol-3-one	2682-20-4	The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinse off products	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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Kathon CG-ICP [based on the component: METHYLISOTHIAZOLINONE]	2-Methyl-2H- isothiazol-3-one		The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinse-off products.	
Kathon CG/ICP II [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone	26172-55-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15 ppm in rinse-off products and 7.5 ppm in leave-on products.	
Kathon CG/ICP II [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone	26172-55-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15 ppm in rinse-off products and 7.5 ppm in leave-on products.	
Kathon CG/ICP II [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone	26172-55-4	Health Canada restricts this ingredient to a maximum concentration of 0.0015% in rinse-off products and prohibited in leave-on products. Additionally, the ingredient is only permitted in combination with methylisothiazolinone.	
Kathon CG/ICP II [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 0.075% in rinse-off products (not applied to mucosa) when combined with methyl isothiazolinone.	
Kathon CG/ICP II [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa when combined with methyl isothiazolinone.	

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Kathon CG/ICP II [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in leave-on products (not applied to mucosa) when combined with methyl isothiazolinone.	
Kathon CG/ICP II [based on the component: METHYLCHLOROISOTHIAZOLI NONE]	Methylchloroisothi azolinone	26172-55-4	(*) Health Canada restricts the use of this ingredient to leave-on products when used in combination with methylisothiazolinone, and a maximum concentration of 0.0015% in rinse-off products.	(*) Restricted to 0.0015% in rinse-off products.
Kathon CG/ICP II [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 100 ppm.	
Kathon CG/ICP II [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one	2682-20-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 100 ppm.	
Kathon CG/ICP II [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one	2682-20-4	Health Canada restricts this ingredient to a maximum concentration of 0.01% as a preservative.	
Kathon CG/ICP II [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinse-off products (not applied to mucosa).	
Kathon CG/ICP II [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
Kathon CG/ICP II [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Kathon CG/ICP II [based on the component: METHYLISOTHIAZOLINONE]	2-Methyl-2H- isothiazol-3-one	2682-20-4	The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinse off products	
Kathon CG/ICP II [based on the component: METHYLISOTHIAZOLINONE]	2-Methyl-2H- isothiazol-3-one		The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinse-off products.	
KERATIN	Keratin		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
KEYS EMULSIFYING WAX	CETEARYL ALCOHOL		The Cosmetic Ingredient Review has determined that cetearyl alcohol (a component of emulsifying wax) is safe as used up to a concentration of 25%.	
KIDACHI ALOE EKISU	ALOE ARBORESCENS LEAF EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
KOJIC ACID	Kojic acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
KURO401	4-Amino-5- hydroxy-3-(4- nitrophenylazo)-6- (phenylazo)-2,7- naphthalenedisulf onic acid, disodium salt	1064-48-8	(*) The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	
I-allo-OCIMENOL	L-ALLO- OCIMENOL	126-90-9		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
I-allo-OCIMENOL	Linalool; d- Linalool; l-Linalool	126-90-9	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
I-alpha-PINENE	L-ALPHA-PINENE	7785-26-4	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L	
I-beta-PINENE	L-BETA-PINENE	18172-67-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
I-CARVONE	CARVONE	6485-40-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
I-DIHYDROGERANIOL	Citronellol	7540-51-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
I-Limonene	L-LIMONENE	5989-54-8	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
LACTAMIDE MEA	LACTAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LACTIC ACID	Lactic acid	50-21-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
LACTIC ACID	LACTICACID	50-21-5	Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
LACTIC ACID, ISOPROPYL ESTER	ISOPROPYL LACTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
LACTOBACILLUS- MILK/MANGANESE/ZINC FERMENT LYSATE	LACTOBACILLUS- MILK/MANGANES E/ZINC FERMENT LYSATE		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LACTOBACILLUS/ALOE BARBADENSIS FERMENT FILTRATE	ALOE BARBADENSIS LEAF		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
LALPHAHYDROXYACIDANDGL YCOMERINCROSSLINKEDFATT YACIDSALPHANUTRIUM			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
LANETH-15	LANETH-15		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LANETH-16	LANETH-16		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
LANETH-5	LANETH-5		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
LANOLIN ACID	LANOLIN ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.
LANOLIN ALCOHOL	LANOLIN ALCOHOL	8027-33-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.
LANOLIN CERA	LANOLIN WAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.
LANOLIN WAX	LANOLIN WAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.
LANOLINAMIDE DEA	LANOLINAMIDE DEA	85408-88-4	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers
LANOLINAMIDE DEA	LANOLINAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.
LAPYRIUM CHLORIDE	LAPYRIUM CHLORIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.03% in body wash products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LARD	LARD	61789-99-9	The Cosmetic Ingredient Review restricts the lead, arsenic, mercury, and total PCB/pesticide contents of this ingredient to maximum concentrations of 0.1 ppm, 3 ppm, 1 ppm, and 40 ppm (with 10 ppm for any specific residue), respectively.	
LARD GLYCERIDE	LARD GLYCERIDE		The Cosmetic Ingredient Review restricts the lead, arsenic, mercury, and total PCB/pesticide contents of this ingredient to maximum concentrations of 0.1 ppm, 3 ppm, 1 ppm, and 40 ppm (with 10 ppm for any specific residue), respectively.	
LAURALKONIUM CHLORIDE	Quaternary Ammonium Compounds, NOS	139-07-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
LAURALKONIUM CHLORIDE	Dodecyl-dimethyl- benzylammonium Chloride	139-07-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
LAURALKONIUM CHLORIDE	Lauryl Dimethyl Benzyl Ammonium Chloride	139-07-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURAMIDE DEA	LAURAMIDE DEA	120-40-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
LAURAMIDE DEA	LAURAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
LAURAMIDE MEA	LAURAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
LAURAMIDE/MYRISTAMIDE DEA	LAURAMIDE/MYRI STAMIDE DEA	97926-10-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURAMIDE/MYRISTAMIDE DEA	AMIDES, C12-14, N,N- BIS(HYDROXYETH YL)-	97926-10-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
LAURAMIDE/MYRISTAMIDE DEA	LAURAMIDE/MYRI STAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
LAURAMIDOPROPYL BETAINE	LAURAMIDOPRO PYL BETAINE	4292-10-8	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURAMIDOPROPYL DIMETHYLAMINE	Lauramidopropyl dimethylamine	3179-80-4	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
LAURAMINE	LAURAMINE	124-22-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
LAURAMINE OXIDE	LAURAMINE OXIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3.7% in leave-on products.	
Lauramine Oxide/Cetyl Amine Oxide [based on the component: LAURAMINE OXIDE]	LAURAMINE OXIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3.7% in leave-on products.	
LAURETH SULFOSUCCINATE	Laureth Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LAURETH-1	LAURETH-1	4536-30-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-1 PHOSPHATE	Laureth-1 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-10	LAURETH-10	6540-99-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-10 CARBOXYLIC ACID	Laureth-17 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-10 CARBOXYLIC ACID	Laureth-14 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LAURETH-10 CARBOXYLIC ACID	Laureth-13 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-10 CARBOXYLIC ACID	Laureth-11 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-10 CARBOXYLIC ACID	Laureth-10 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-11	LAURETH-11	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-11 CARBOXYLIC ACID	Laureth-11 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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LAURETH-12	LAURETH-12	3056-00-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-12 CARBOXYLIC ACID	Laureth-12 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-12 SUCCINATE	Laureth-12 Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-13	LAURETH-13	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-13 CARBOXYLIC ACID	Laureth-13 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURETH-13 PG- HYDROXYETHYLCELLULOSE	Laureth-13 Pg- Hydroxyethylcellul ose	312601-97-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-14	LAURETH-14	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-14 CARBOXYLIC ACID	Laureth-14 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-15	LAURETH-15	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-16	LAURETH-16	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LAURETH-17 CARBOXYLIC ACID	Laureth-17 Carboxylic Acid	27306-90-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-2	LAURETH-2	3055-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-2 ACETATE	Laureth-2 Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-2 BENZOATE	Laureth-2 Benzoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-2 ETHYLHEXANOATE	Laureth-2 Ethylhexanoate	125804-14-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LAURETH-2 PHOSPHATE	Laureth-2 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-20	LAURETH-20	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-21	LAURETH-21		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-25	LAURETH-25	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-3	LAURETH-3	3055-94-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURETH-3 CARBOXYLIC ACID	Laureth-3 Carboxylic Acid	20858-24-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-3 PHOSPHATE	Laureth-3 Phosphate	25852-45-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-30	LAURETH-30	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-35	Laureth-35		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-38	LAURETH-38	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURETH-4	LAURETH-4	5274-68-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-4 CARBOXYLIC ACID	Laureth-4 Carboxylic Acid	20858-25-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-4 PHOSPHATE	Laureth-8 Phosphate	39464-66-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-4 PHOSPHATE	Laureth-7 Phosphate	39464-66-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-4 PHOSPHATE	Laureth-4 Phosphate	39464-66-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LAURETH-40	LAURETH-40	9002-92-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-5	LAURETH-5	3055-95-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-5 BUTYL ETHER	Laureth-5 Butyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-5 CARBOXYLIC ACID	Laureth-5 Carboxylic Acid	21127-45-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-50	LAURETH-50		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LAURETH-6	LAURETH-6	3055-96-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-6 CARBOXYLIC ACID	Laureth-6 Carboxylic Acid	20260-64-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-6 CITRATE	Laureth-6 Citrate	161756-30-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-7	LAURETH-7	3055-97-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-7 CITRATE	Laureth-7 Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURETH-7 METHYL LACTATE	Laureth-7 Methyl Lactate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-7 PHOSPHATE	Laureth-7 Phosphate	39464-66-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-7 TARTRATE	Laureth-7 Tartrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-8	LAURETH-8	3055-98-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-8 CARBOXYLIC ACID	Laureth-8 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LAURETH-8 PHOSPHATE	Laureth-8 Phosphate	39464-66-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETH-9	LAURETH-9	3055-99-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURETHs			(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURIC ACID	LAURIC ACID	143-07-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
LAUROYL COLLAGEN AMINO ACIDS	Lauroyl collagen amino acids	68920-59-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
LAUROYL COLLAGEN AMINO ACIDS	LAUROYL HYDROLYZED COLLAGEN	68920-59-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
LAUROYL HYDROLYZED COLLAGEN	LAUROYL HYDROLYZED COLLAGEN	68920-59-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
LAUROYL LYSINE	Lauroyl lysine		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 45%	
LAUROYL SARCOSINE	LAUROYL SARCOSINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURYL DIMETHICONE PEG-15 CROSSPOLYMER	LAURYL DIMETHICONE PEG-15 CROSSPOLYMER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURYL DIMETHICONE PEG-15 CROSSPOLYMER	LAURYL DIMETHICONE PEG-15 CROSSPOLYMER		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
LAURYL DIMETHYLAMINE CYCLOCARBOXYPROPYLOLEA TE	LAURYL DIMETHYLAMINE CYCLOCARBOXYP ROPYLOLEATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
LAURYL METHACRYLATE/ GLYCOL DIMETHACRYLATE CROSSPOLYMER	Lauryl Methacrylate/Glyc ol Dimethacrylate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
LAURYL METHACRYLATE/SODIUM METHACRYLATE CROSSPOLYMER	Lauryl Methacrylate/sodi um Methacrylate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 8%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LAURYL PEG-10 METHYL ETHER DIMETHICONE	Lauryl Peg-10 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURYL PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE	Lauryl Peg-9 Polydimethylsilox yethyl Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LAURYL PEG/ PPG-18/ 18 METHICONE	Lauryl Peg/ Ppg- 18/ 18 Methicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LEAD TETROXIDE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LECITHINAMIDE DEA	LECITHINAMIDE DEA	91053-51-9	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
LECITHINAMIDE DEA	LECITHINAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
Leuconostoc Ferment Filtrate	Leuconostoc Ferment Filtrate		This substance contains salicylic acid at 18-22%. The Japanese Ministry of Health, Labour and Welfare restricts salicylic acid to a maximum concentration of 0.2%.	
LILIAL	LILIAL	80-54-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
LILIAL	LILIAL	80-54-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LILIAL	p-tert-Butyl-α- methylhydrocinna mic aldehyde (BMHCA)	80-54-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.12% in lip products, 0.15% in deodorants/antiperspirants, 0.62% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.86% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.98% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.97% in mouthwashes, breath sprays, and toothpastes, 0.31% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
Lime oil terpeneless	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
LIMNANTHES ALBA (MEADOWFOAM) SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 74%	3

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LIMONENE	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
LIMONENE	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
LIMONENE	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
LINALOOL	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
LINALOOL	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
LINALOOL	Linalool; d- Linalool; l-Linalool	78-70-6	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
linear alcohol ethoxylates	Linear Alcohol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Linear alcohol ethoxylates	Linear Alcohol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LINOLEAMIDE DEA	LINOLEAMIDE DEA	27883-12-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
LINOLEAMIDE DEA	LINOLEAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name C	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LINOLEAMIDE MEA	LINOLEAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
LINOLEAMIDOPROPYL DIMETHYLAMINE	Linoleamidopropyl 8 dimethylamine	31613-56-1	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
LINSEED OIL PEG-8 ESTERS	Linseed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LINUM USITATISSIMUM (LINSEED) OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
LINUM USITATISSIMUM (LINSEED) SEED OIL	LINUM USITATISSIMUM (LINSEED) OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 10%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LIPPIA CITRIODORA FLOWER EXTRACT	Verbena absolute (Lippia citriodora Kunth.)	85116-63-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.05% in lip products, 0.06% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.2% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.2% in mouthwashes, breath sprays, and toothpastes, 0.12% in intimate wipes, and baby wipes, 0.2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.2% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
LIQUIDAMBAR ORIENTALIS EXTRACT	LIQUIDAMBAR ORIENTALIS EXTRACT	94891-27-7	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
LIQUIDAMBAR ORIENTALIS EXTRACT	LIQUIDAMBAR ORIENTALIS EXTRACT	94891-27-7	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
LIQUIDAMBAR ORIENTALIS EXTRACT	LIQUIDAMBAR ORIENTALIS EXTRACT	94891-27-7	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LIQUIDAMBAR ORIENTALIS EXTRACT	Styrax (distillates)	94891-27-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.23% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.36% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.6% in mouthwashes, breath sprays, and toothpastes, 0.11% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.6% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
LIQUIDAMBAR STYRACIFLUA OIL	LIQUIDAMBAR STYRACIFLUA OIL	8046-19-3	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
LIQUIDAMBAR STYRACIFLUA OIL	STORAX	8046-19-3	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LITHIUM HYDROXIDE	LITHIUM HYDROXIDE	1310-65-2	The European Commission restricts this ingredient to a maximum concentration of 2% in generaul use hair straighteners and 4.5% in professional use hair straighteners (The concentration of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In case of mixtures, the sum should not exceed the limits given in the column 'Maximum concentration in ready for use preparation'). As a pH ajuster, it can have a maximum pH of 12.7 in depilatories and 11 in all other rinse-off products.	The European Commission requires the following warning text on the product label/package of general use hair straighteners: - 'Contains alkali'; - 'Avoid contact with eyes'; - 'Can cause blindness'; - 'Keep out of reach of children'. For professional use hair straighteners, the following are required: - 'Avoid contact with eyes'; - 'Can cause blindness'. Lastly, as a pH adjuster for depilatories, the following are required on the label: - 'Contains alkali'; - 'Keep out of reach of children'; - 'Avoid contact with eyes'
LITHIUM HYDROXIDE	LITHIUM HYDROXIDE	1310-65-2	The European Commission restricts this ingredient to a maximum concentration of 2% in generaul use hair straighteners and 4.5% in professional use hair straighteners (The concentration of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In case of mixtures, the sum should not exceed the limits given in the column 'Maximum concentration in ready for use preparation'). As a pH ajuster, it can have a maximum pH of 12.7 in depilatories and 11 in all other rinse-off products.	The European Commission requires the following warning text on the product label/package of general use hair straighteners: - 'Contains alkali'; - 'Avoid contact with eyes'; - 'Can cause blindness'; - 'Keep out of reach of children'. For professional use hair straighteners, the following are required: - 'Avoid contact with eyes'; - 'Can cause blindness'. Lastly, as a pH adjuster for depilatories, the following are required on the label: - 'Contains alkali'; - 'Keep out of reach of children'; - 'Avoid contact with eyes'
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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LITHIUM OXIDIZED POLYETHYLENE	Lithium Oxidized Polyethylene		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
LITHIUM STEARATE	LITHIUM STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
LITHIUM SULFIDE	lithium sulfide	12136-58-2	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
LITHIUM SULFIDE	LITHIUMSULFIDE	12136-58-2	Health Canada restricts this ingredient to a maximum concentration of 2% (sulfur) in depilatory products.	
LOCUST BEAN HYDROXYPROPYLTRIMONIUM CHLORIDE	LOCUST BEAN HYDROXYPROPY LTRIMONIUM CHLORIDE		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% in rinse-off products.	
LUBRICATING GREASES	Lubricating greases	74869-21-9	The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
LUBRICATING OILS	Lubricating oils	74869-22-0	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
LUFFA CYLINDRICA (LUFFA AEGYPTIACA) SEED OIL	LUFFA CYLINDRICA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.01%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
LYRAL	HYDROXYISOHEX YL 3- CYCLOHEXENE CARBOXALDEHY DE	31906-04-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
LYRAL	HYDROXY METHYLPENTYL 3 CYCLOHEXENE CARBOXALDEHY DE	31906-04-4		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
LYSOPHOSPHATIDYLETHANO LAMINE	LYSOPHOSPHATI DYLETHANOLAMI NE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
M-AMINOPHENOL	M-AMINOPHENOL 591-27-5	The European Commission restricts this ingredient to a maximum concentration of 1.2% applied to hair or eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced a

Substance/Ingredient	Alternative name CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
M-AMINOPHENOL	M-AMINOPHENOL 591-27-5	The European Commission restricts this ingredient to a maximum concentration of 1.2% applied to hair or eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced a

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
M-AMINOPHENOL	M-AMINOPHENOL	591-27-5	The European Commission restricts this ingredient to a maximum concentration of 1.2% applied to hair or eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced a
M-AMINOPHENOL	M-AMINOPHENOL	591-27-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	รหกุกครับสุขาดร์รักครามสุขาวเหมืองหารครามการการการการการการการการการการการการการก

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
M-AMINOPHENOL HCL	M-AMINOPHENOL HCL	51-81-0	The European Commission restricts this ingredient to a maximum concentration of 1.2% applied to hair or eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'Temporary 'black henna' tattoo in the past of products intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Heir colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced a

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
M-AMINOPHENOL SULFATE	M-AMINOPHENOL SULFATE	68239-81-6	The European Commission restricts this ingredient to a maximum concentration of 1.2% applied to hair or eyelashes. Additionally, this ingredient is only permitted for professional use in products intended for coloring eyelashes.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced a
M-CRESOL	m-Cresol	108-39-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	੶₭₳₽₽₽₽₩₩₽₽₽₽₽₽₩₩₽₽₽₽₩₩₩₽₽₩₽₽₩₩₽₽₩₩₩₩₩₩₩₩
M-CRESOL	Cresol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.01% in rinse-off products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
M-CRESOL	Cresol		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
M-CRESOL	Cresol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.01% in leave-on products (not applied to mucosa).	
M-PHENYLENEDIAMINE	m- phenylenediamine	108-45-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% in hair dyes.	
M-PHENYLENEDIAMINE SULFATE	M- PHENYLENEDIAM INE SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% in hair dyes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels N	Must Bear These Warnings
m-tert-BUTYLPHENYL ISOBUTYRALDEHYDE	3-(m-tert- Butylphenyl)-2- methylpropionald ehyde (m-BMHCA)	62518-65-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.12% in lip products, 0.15% in deodorants/antiperspirants, 0.62% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.86% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.98% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.97% in mouthwashes, breath sprays, and toothpastes, 0.31% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
			body creams, oils and lotions, and foot care products, 0.98% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.97% in mouthwashes, breath sprays, and toothpastes, 0.31% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
m-TOLUALDEHYDE	o,m,p- Tolualdehydes and their mixtures	620-23-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.17% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.26% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.11% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
MACADAMIA INTEGRIFOLIA (MACADAMIA) NUT OIL	MACADAMIA INTEGRIFOLIA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
MACADAMIA TERNIFOLIA SEED OIL	MACADAMIA TERNIFOLIA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 30%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MACADAMIA TERNIFOLIA SEED OIL PEG-8 ESTERS	Macadamia Ternifolia Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM ACETATE	MAGNESIUM ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.03%.	
MAGNESIUM ALUMINUM SILICATE	Magnesium Aluminum Silicate	1327-43-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
MAGNESIUM ASCORBYL PHOSPHATE	MAGNESIUM ASCORBYL PHOSPHATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
MAGNESIUM CITRATE	MAGNESIUM CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
MAGNESIUM FLUORIDE	MAGNESIUM FLUORIDE	7783-40-6	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains magnesium fluoride.'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM FLUORIDE	MAGNESIUM FLUORIDE	7783-40-6	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains magnesium fluoride.'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
MAGNESIUM FLUORIDE	MAGNESIUM FLUORIDE	7783-40-6	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains magnesium fluoride.'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM FLUOROSILICATE	MAGNESIUM FLUOROSILICATE	16949-65-8	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains magnesium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
MAGNESIUM FLUOROSILICATE	MAGNESIUM FLUOROSILICATE	16949-65-8	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains magnesium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM FLUOROSILICATE	MAGNESIUM FLUOROSILICATE	16949-65-8	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains magnesium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
MAGNESIUM HYDROXIDE	MAGNESIUM HYDROXIDE		(*) The Cosmetic Ingredient Review has determined that users should minimize skin contact for hair straighteners and depilatories that contain this ingredient.	
MAGNESIUM LAURETH SULFATE	Magnesium Laureth-5 Sulfate	62755-21-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM LAURETH SULFATE	Magnesium Laureth-16 Sulfate	62755-21-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM LAURETH SULFATE	Magnesium Laureth-8 Sulfate	62755-21-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM LAURETH SULFATE	MAGNESIUM LAURETH SULFATE	62755-21-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM LAURETH-11 CARBOXYLATE	Magnesium Laureth-11 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM LAURETH-16 SULFATE	Magnesium Laureth-16 Sulfate	62755-21-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM LAURETH-2 SULFATE	Magnesium Laureth-2 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM LAURETH-3 SULFOSUCCINATE	MAGNESIUM LAURETH-3 SULFOSUCCINAT E		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM LAURETH-5 SULFATE	Magnesium Laureth-5 Sulfate	62755-21-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM LAURETH-8 SULFATE	Magnesium Laureth-8 Sulfate	62755-21-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM MYRISTATE	MAGNESIUM MYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
MAGNESIUM OLETH SULFATE	MAGNESIUM OLETH SULFATE	87569-97-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM OLETH-2 SULFATE	Magnesium Oleth- 2 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MAGNESIUM PALMITOYL GLUTAMATE	Magnesium palmitoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.2%	
MAGNESIUM PCA	MAGNESIUM PCA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%	
MAGNESIUM PEG-3 COCAMIDE SULFATE	Magnesium Peg-3 Cocamide Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM PEROXIDE	Magnesium peroxide	1335-26-8	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM PEROXIDE	MAGNESIUMPER OXIDE	1335-26-8	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
MAGNESIUM PEROXIDE	MAGNESIUMPER OXIDE	1335-26-8	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM SALICYLATE	MAGNESIUM SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
MAGNESIUM STEARATE	MAGNESIUM STEARATE	557-04-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	
MAGNESIUM SULFIDE	magnesium sulfide	12032-36-9	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
MAGNESIUM SULFIDE	MAGNESIUMSULF IDE	12032-36-9	Health Canada restricts this ingredient to a maximum concentration of 6% (sulfur) in depilatory products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM THIOGLYCOLATE	MAGNESIUM THIOGLYCOLATE	63592-16-5	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'
MAGNESIUM THIOGLYCOLATE	MAGNESIUM THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors. Additionally, hairdressers should avoid skin contact and minimize consumer skin exposure	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MAGNESIUM/TEA-COCO- SULFATE	Magnesium/TEA- Coco-Sulfate	226994-99-6	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
MALEIC ACID	maleic acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.004% as a pH adjuster.	
MALEIC ANHYDRIDE	maleic anhydride	108-31-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
MALIC ACID	Malic Acid	617-48-1	The Cosmetic Ingredient Review restricts the use of this ingredient as a pH adjuster.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MALIC ACID	MALICACID	6915-15-7	Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5 of final formulation. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
MALTITOL	MALTITOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
MANGANESE VIOLET	Manganese Violet		The U.S. Food and Drug Administration restricts the lead, arsenic, and mercury content of this ingredient to maximum concentrations of 20 ppm, 3 ppm, and 1 ppm, respectively.	
MANGIFERA INDICA (MANGO) SEED BUTTER	MANGIFERA INDICA (MANGO) SEED BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
MANGIFERA INDICA (MANGO) SEED OIL	MANGIFERA INDICA (MANGO) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MANGO SEED OIL PEG-70 ESTERS	Mango Seed Oil Peg-70 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MANICOUAGAN CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
MARIGOLD OIL	TAGETESOIL	8016-84-0	Health Canada restricts this ingredient to a maximum concentration of 0.01% in leave-on products.	
MARIGOLD OIL	tagetes oil and absolute	8016-84-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in leave-on products	
MEA COCOATE	MEA-COCOATE	66071-80-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MEA O-PHENYLPHENATE	MEA O- PHENYLPHENATE	84145-04-0	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MEA PPG-6 LAURETH-7 CARBOXYLATE	MEA PPG-6 LAURETH-7 CARBOXYLATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MEA PPG-6 LAURETH-7 CARBOXYLATE	MEA PPG-6 LAURETH-7 CARBOXYLATE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

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Substance/Ingredient A	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MEA-BIOTINATE M	MEA-BIOTINATE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MEA-BORATE	MEA-BORATE	10377-81-8	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age. Lastly, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MEA-DICETEARYL PHOSPHATE	MEA-DICETEARYL PHOSPHATE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MEA-HYDROLYZED COLLAGEN	MEA- HYDROLYZED COLLAGEN		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MEA-HYDROLYZED SILK	MEA- HYDROLYZED SILK		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MEA-LAURETH SULFATE	MEA-LAURETH SULFATE	68184-04-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MEA-LAURETH SULFATE	MEA-LAURETH SULFATE	68184-04-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MEA-LAURETH-6 CARBOXYLATE	MEA-LAURETH-6 CARBOXYLATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MEA-LAURETH-6 CARBOXYLATE	MEA-LAURETH-6 CARBOXYLATE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MEA-LAURYL SULFATE	MEA-LAURYL SULFATE	4722-98-9	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MEA-PPG-8-STEARETH-7 CARBOXYLATE	MEA-PPG-8- STEARETH-7 CARBOXYLATE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MEA-SALICYLATE	MEA-SALICYLATE	59866-70-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MEA-SULFITE	MEA-SULFITE	13427-63-9	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MEA-THIOLACTATE	MEA- THIOLACTATE	54266-38-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MEADOWFOAMAMIDOPROPY L BETAINE	MEADOWFOAMA MIDOPROPYL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient MELAMINE PEROXIDE	Alternative name MELAMINE PEROXIDE	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions * The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	Labels Must Bear These Warnings The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for evelashes: -
				products intended for eyelashes: - 'Wear suitable gloves'; - "For professional use only'; - 'Avoid contact

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MELISSA OFFICINALIS (BALM MINT) EXTRACT	Melissa oil (genuine Melissa officinalis L.)	84082-61-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.21% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.63% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.33% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.01% in mouthwashes, breath sprays, and toothpastes, 0.11% in intimate wipes, and baby wipes, 1.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Melissa oil (genuine Melissa officinalis L.)		8014-71-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.21% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.63% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.33% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.01% in mouthwashes, breath sprays, and toothpastes, 0.11% in intimate wipes, and baby wipes, 1.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
MENTHA AUSTRALIS	PEPPERMINT (MENTHA PIPERITA) LEAVES		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA CITRATA HERB EXTRACT [based on the component: LINALOOL]	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MENTHA CITRATA HERB EXTRACT [based on the component: LINALOOL]	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
MENTHA CITRATA HERB EXTRACT [based on the component: LINALOOL]	Linalool; d- Linalool; l-Linalool	78-70-6	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
MENTHA PIPERITA (PEPPERMINT)	MENTHA PIPERITA (PEPPERMINT) LEAF		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT)	MENTHA PIPERITA (PEPPERMINT) LEAF EXTRACT		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT)	MENTHA PIPERITA (PEPPERMINT) LEAF WATER		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT)	MENTHA PIPERITA (PEPPERMINT) OIL		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT)	PEPPERMINT (MENTHA PIPERITA) OIL		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT)	PEPPERMINT (MENTHA PIPERITA) EXTRACT		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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MENTHA PIPERITA (PEPPERMINT)	PEPPERMINT (MENTHA PIPERITA) LEAVES		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT)	PEPPERMINT (MENTHA PIPERITA) WATER		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product	
MENTHA PIPERITA (PEPPERMINT) [based on the component: CARVONE]	CARVONE	99-49-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos conditioners, etc.).	

Substance/Ingredient Alter	rnative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
MENTHA PIPERITA (PEPPERMINT) [based on the component: CARVONE]	VONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MENTHA PIPERITA (PEPPERMINT) [based on the component: CARVONE]	CARVONE	6485-40-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
MENTHA PIPERITA (PEPPERMINT) EXTRACT	MENTHA PIPERITA (PEPPERMINT) LEAF EXTRACT		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT) EXTRACT	PEPPERMINT (MENTHA PIPERITA) EXTRACT		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT) LEAF	MENTHA PIPERITA (PEPPERMINT) LEAF		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MENTHA PIPERITA (PEPPERMINT) LEAF	PEPPERMINT (MENTHA PIPERITA) LEAVES		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT) LEAF WATER	MENTHA PIPERITA (PEPPERMINT) LEAF WATER		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
MENTHA PIPERITA (PEPPERMINT) LEAF WATER	PEPPERMINT (MENTHA PIPERITA) WATER		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product	
MENTHA PIPERITA (PEPPERMINT) OIL	PEPPERMINT (MENTHA PIPERITA) OIL		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
MENTHA SPICATA (SPEARMINT) OIL [based on the component: CARVONE]	CARVONE	99-49-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

Substance/Ingredient AI	Iternative name	CAS	EWG VERIFIED™ Product Restrictions * I	Labels Must Bear These Warnings
MENTHA SPICATA (SPEARMINT) OIL [based on the component: CARVONE]	ARVONE	2244-16-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes,	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MENTHA SPICATA (SPEARMINT) OIL [based on the component: CARVONE]	CARVONE	6485-40-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.08% in lip products, 0.1% in deodorants/antiperspirants, 0.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.6% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.9% in mouthwashes, breath sprays, and toothpastes, 0.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
MENTHOL	MENTHA PIPERITA (PEPPERMINT) OIL		The Cosmetic Ingredient Review restricts the pulegone content to a maximum concentration of 1% in the finished product.	
METHACRYLIC ACID	Methacrylic acid	79-41-4	The Cosmetic Ingredient Review restricts the use of this ingredient as a nail primer.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHACRYLIC ACID	METHACRYLICACI D	79-41-4		Health Canada requires the following warning text on the label/package of liquid products containing more than more than 5% methacrylic acid: - 'This product contains methacrylic acid, is poisonous, is to be kept out of reach of children and, in the case of accidental ingestion, a Poison Control Centre or physician is to be contacted immediately'.
Methacrylic Acid/PEG-6 Methacrylate/ PEG-6 Dimethacrylate Crosspolymer			The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products when polymerized in benzene.	
METHANOL	methanol	67-56-1	The European Commission restricts this ingredient to a maximum concentration of 5% (as a percentage of ethanol and isopropyl alcohol).	
METHANOL	methanol	67-56-1	The European Commission restricts this ingredient to a maximum concentration of 5% (as a percentage of ethanol and isopropyl alcohol).	
METHANOL	Methyl alcohol	67-56-1	The Cosmetic Ingredient Review restricts the use of this ingredient as a denaturant.	
METHANOL	METHYLALCOHO L	67-56-1		Health Canada requires that the product is packaged in a child-resistant container if it contains at least 5 mL of methyl alcohool. Additionally, manufacturers must follow appropriate labeling guidelines according to the Canadian Consumer Chemicals and Containers Regulations.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHENAMINE	Methenamine	100-97-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.16%, and it may not be used in aerosol products.	
METHENAMINE	Methenamine	100-97-0	(*) The European Commission restricts this ingredient to a maximum concentration of 0.15%	
METHICONE	METHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
METHOXY PEG-10	METHOXY PEG-10	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-100	METHOXY PEG- 100	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG- 100/POLYEPSILON CAPROLACTONE	METHOXY PEG- 100/POLYEPSILO N CAPROLACTONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG- 100/POLYEPSILON CAPROLACTONE	METHOXY PEG- 100/POLYEPSILO N CAPROLACTONE		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHOXY PEG- 114/POLYEPSILON CAPROLACTONE	METHOXY PEG- 114/POLYEPSILON CAPROLACTONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG- 114/POLYEPSILON CAPROLACTONE	METHOXY PEG- 114/POLYEPSILON CAPROLACTONE		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
METHOXY PEG-12 RETINAMIDE	Methoxy Peg-12 Retinamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-16	METHOXY PEG-16	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-17/DODECYL GLYCOL COPOLYMER	Methoxy Peg- 17/dodecyl Glycol Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
METHOXY PEG-22 POLYDODECYL GLYCOL	Methoxy Peg-22 Polydodecyl Glycol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-22/ DODECYL GLYCOL COPOLYMER	Methoxy Peg-22/ Dodecyl Glycol Copolymer	89678-44-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-25	METHOXY PEG-25	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-40	METHOXY PEG- 40	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-450 AMIDO HYDROXYSUCCINIMIDYL SUCCINAMATE	Methoxy Peg-450 Amido Hydroxysuccinimi dyl Succinamate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHOXY PEG-450 ETHYLMALEIMIDE	Methoxy Peg-450 Ethylmaleimide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-7	METHOXY PEG-7	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-7 ACORBIC ACID	Methoxy Peg-7 Acorbic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG-7 ASCORBIC ACID	Methoxy Peg-7 Ascorbic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHOXY PEG/ PPG-7/ 3 AMINOPROPYL DIMETHICONE	Methoxy Peg/ Ppg 7/ 3 Aminopropyl Dimethicone	298211-68-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHOXY-PEG-7 RUTINYL SUCCINATE	Methoxy-Peg-7 Rutinyl Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHYL 2-OCTYNOATE	METHYL 2- OCTYNOATE	111-12-6	The European Commission restricts this ingredient to a maximum concentration of 0.01% when used alone in non-oral products. When the substance is present in combination with methyl octine carbonate, the combined level in the finished product cannot exceed 0.01% (of which methyl octine carbonate cannot be more than 0.002%).	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
METHYL 2-OCTYNOATE	METHYL 2- OCTYNOATE	111-12-6	The European Commission restricts this ingredient to a maximum concentration of 0.01% when used alone in non-oral products. When the substance is present in combination with methyl octine carbonate, the combined level in the finished product cannot exceed 0.01% (of which methyl octine carbonate cannot be more than 0.002%).	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions * L	Labels Must Bear These Warnings
METHYL 2-OCTYNOATE	Methyl heptine carbonate	111-12-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.01% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.01% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.01% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.08% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.01% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYL 2,6,10- TRIMETHYLCYCLODODECA- 2,5,9-TRIENYL KETONE	Acetic, anhydride, reaction products with 1,5,10- trimethyl-1,5,9- cyclododecatriene	28371-99-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.16% in lip products, 0.2% in deodorants/antiperspirants, 0.83% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.49% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.31% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 3.99% in mouthwashes, breath sprays, and toothpastes, 0.42% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
METHYL ACRYLAMIDOGLYCOLATE (CONTAINING Œ_ 0,1 % ACRYLAMIDE)	METHYL ACRYLAMIDOGLY COLATE (CONTAINING <sup>3</sup> 0,1 % ACRYLAMIDE)	77402-05-2	The European Commission bans this ingredient from use in cosmetics if its acrylamide content is greater than or equal to 0.1%.	
METHYL ACRYLAMIDOMETHOXYACETA TE (CONTAINING Œ_ 0,1 % ACRYLAMID)	METHYL ACRYLAMIDOMET HOXYACETATE (CONTAINING <sup>3</sup> 0,1 % ACRYLAMID)	77402-03-0	The European Commission bans this ingredient from use in cosmetics if its acrylamide content is greater than or equal to 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYL COCOATE	METHYL COCOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.06%.	
METHYL DICOCAMINE	METHYL DICOCAMINE	61788-62-3	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
METHYL EUGENOL	Methyl eugenol	93-15-2	The European Commission restricts this substance to a maximum concentration of 0.01% in fine fragrance, 0.004% in eau de toilette products, 0.002% in fragrance creams, 0.0002% in other leave-on and oral products, and 0.001% in rinse-off products.	
METHYL EUGENOL	Methyl eugenol	93-15-2	The European Commission restricts this substance to a maximum concentration of 0.01% in fine fragrance, 0.004% in eau de toilette products, 0.002% in fragrance creams, 0.0002% in other leave-on and oral products, and 0.001% in rinse-off products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
METHYL EUGENOL	Methyleugenol	93-15-2	Health Canada restricts this ingredient as a naturally occuring component in botanical extracts to a maximum concentration of 0.01%, provided concentrations do not exceed 0.01% in fine fragrances, 0.004% in eau de toilette, 0.002% in a fragrance cream, 0.0002% in other leave-on products and in oral hygiene products, and 0.001% in rinse-off products.	
METHYL GLUCETH-10	Methyl Gluceth-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHYL GLUCETH-20	Methyl Gluceth-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHYL GLYCYRRHIZATE	METHYL GLYCYRRHIZATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
METHYL METHACRYLATE	Methyl Methacrylate	80-62-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
METHYL METHACRYLATE CROSSPOLYMER	METHYL METHACRYLATE CROSSPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.	
METHYL METHACRYLATE/ GLYCOL DIMETHACRYLATE CROSSPOLYMER	METHYL METHACRYLATE/ GLYCOL DIMETHACRYLAT E CROSSPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
METHYL N- METHYLANTHRANILATE	METHYLNMETHYL ANTHRANILATE	85-91-6	Health Canada restricts this ingredient to a maximum concentration of 0.1%	
METHYL N- METHYLANTHRANILATE	METHYL N- METHYLANTHRA NILATE	85-91-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in leave-on products	
METHYL NAPHTHYL KETONE	Methyl β-naphthyl ketone	93-08-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in leave-on products	
METHYL OCTINE CARBONATE	METHYL OCTINE CARBONATE	111-80-8	The European Commission restricts this ingredient to a maximum concentration of 0.002% when used alone in non-oral products. When present in combination with methyl heptine carbonate, the combined level in the finished product should not exceed 0.01% (of which methyl octine carbonate should not be more than 0.002%).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYL OCTINE CARBONATE	METHYL OCTINE CARBONATE	111-80-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.02% in mouthwashes, breath sprays, and toothpastes, 0% in intimate wipes, and baby wipes, 0% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
METHYL SALICYLATE	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYL THIOGLYCOLATE	METHYL THIOGLYCOLATE	2365-48-2	The European Commission restricts this ingredient to a maximum concentration of 8% (calculated as thioglycolic acid) in hair waving products and 11% (calculated as thioglycolic acid) in hair straightening products.	The European Commission requires the following conditions of use on the label/package of general and professional use hair waving or straightening products: - 'May cause sensitization in the event of skin contact'; - 'Avoid contact with eyes,'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'; - 'Wear suitable gloves'. Additionally, the following warning text are required: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Lastly, the following warning must also be labeled in addition to the above on professional use hair waving or straightening products: - 'For professional use only'
METHYL THIOGLYCOLATE METHYL25DIISOPROPYLCINNA MATE	METHYL THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors. The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to	
			a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
METHYL25DIISOPROPYLCINNA MATE			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYL25DIISOPROPYLCINNA MATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
METHYLBENZETHONIUM CHLORIDE METHYLBENZETHONIUM CHLORIDE	Methylbenzethoni um chloride		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5% in skin products and 0.02% in eye products.	
METHYLBISTRIMETHYLSILOXYS ILYLISOPENTYLTRIMETHOXYCI NNAMONATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 7.5% in rinse-off products (not applied to mucosa).	
METHYLBISTRIMETHYLSILOXYS ILYLISOPENTYLTRIMETHOXYCI NNAMONATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 2.5% in products meant to be applied to the mucosa.	
METHYLBISTRIMETHYLSILOXYS ILYLISOPENTYLTRIMETHOXYCI NNAMONATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 7.5% in leave-on products (not applied to mucosa).	
METHYLCELLULOSE	Methylcellulose		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	
METHYLCHLOROISOTHIAZOLI NONE	Methylchloroisothi azolinone	26172-55-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15 ppm in rinse-off products and 7.5 ppm in leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYLCHLOROISOTHIAZOLI NONE	Methylchloroisothi azolinone	26172-55-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15 ppm in rinse-off products and 7.5 ppm in leave-on products.	
METHYLCHLOROISOTHIAZOLI NONE	Methylchloroisothi azolinone	26172-55-4	Health Canada restricts this ingredient to a maximum concentration of 0.0015% in rinse-off products and prohibited in leave-on products. Additionally, the ingredient is only permitted in combination with methylisothiazolinone.	
METHYLCHLOROISOTHIAZOLI NONE	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of approximately 0.075% in rinse-off products (not applied to mucosa) when combined with methyl isothiazolinone.	
METHYLCHLOROISOTHIAZOLI NONE	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa when combined with methyl isothiazolinone.	
METHYLCHLOROISOTHIAZOLI NONE	Methylchloroisothi azolinone		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in leave-on products (not applied to mucosa) when combined with methyl isothiazolinone.	
METHYLCHLOROISOTHIAZOLI NONE	Methylchloroisothi azolinone	26172-55-4	(*) Health Canada restricts the use of this ingredient to leave-on products when used in combination with methylisothiazolinone, and a maximum concentration of 0.0015% in rinse-off products.	(*) Restricted to 0.0015% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
METHYLCINNAMIC ALDEHYDE	α-Methyl cinnamic aldehyde	101-39-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.1% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.5% in mouthwashes, breath sprays, and toothpastes, 0.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
METHYLDIBROMO GLUTARONITRILE	Methyldibromo Glutaronitrile	35691-65-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.025% in leave-on products.	
Methylene Glycol	Methylene Glycol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% (as formalin; 0.074% as formaldehyde or 0.118% as methylene glycol). Additionally, this ingredient cannot be used in hair smoothing products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Methylene Glycol	METHYLENEGLYC OL	463-57-0	Health Canada restricts this ingredient to a maximum concentration of 0.01% in non-aerosol products that release formaldehyde vapours (when used according to directions), 0.1% in oral products, 0.2% in non-oral cosmetics (when used as a preservative only), and 5% in nail hardenering products (it must be sold with nail shields, directions for use and directions that inform the user about the presence of this substance in the cosmetic). This ingredient is prohibited in aerosol products.	Health Canada requires the following warning text on the packaging/label of nail hardening products: - 'This product contains formaldehyde which has the potential to cause skin sensitivity.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYLENEDIOXYPHENYL METHYLPROPANAL	α-Methyl-1,3- benzodioxole-5- propionaldehyde (MMDHCA)	1205-17-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.34% in lip products, 0.43% in deodorants/antiperspirants, 1.78% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 5.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 8.6% in mouthwashes, breath sprays, and toothpastes, 0.89% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
METHYLEUGENYL PEG-8 DIMETHICONE	Methyleugenyl Peg-8 Dimethicone	200443-93-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
METHYLHEPTADIENONE	METHYLHEPTADI ENONE	1604-28-0	The European Commission restricts this ingredient to a maximum concentration of 0.002% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
METHYLHEPTADIENONE	6-Methyl-3,5- heptadien-2-one (methyl heptadienone)	1604-28-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.1% in mouthwashes, breath sprays, and toothpastes, 0% in intimate wipes, and baby wipes, 0% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYLIONONE	Methyl ionone, mixed isomers	1335-46-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 2% in lip products, 2.59% in deodorants/antiperspirants, 10.56% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 31.67% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 16.67% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 50.72% in mouthwashes, breath sprays, and toothpastes, 5.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
METHYLISOTHIAZOLINONE	methylisothiazolin one		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 100 ppm.	
METHYLISOTHIAZOLINONE	methylisothiazolin one	2682-20-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 100 ppm.	
METHYLISOTHIAZOLINONE	methylisothiazolin one	2682-20-4	Health Canada restricts this ingredient to a maximum concentration of 0.01% as a preservative.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYLISOTHIAZOLINONE	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinse-off products (not applied to mucosa).	
METHYLISOTHIAZOLINONE	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
METHYLISOTHIAZOLINONE	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	
METHYLISOTHIAZOLINONE	2-Methyl-2H- isothiazol-3-one	2682-20-4	The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinse off products	
METHYLISOTHIAZOLINONE	2-Methyl-2H- isothiazol-3-one		The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinse-off products.	
METHYLISOTHIAZOLINONE & BENZISOTHIAZOLINONE [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 100 ppm.	
METHYLISOTHIAZOLINONE & BENZISOTHIAZOLINONE [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one	2682-20-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 100 ppm.	
METHYLISOTHIAZOLINONE & BENZISOTHIAZOLINONE [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one	2682-20-4	Health Canada restricts this ingredient to a maximum concentration of 0.01% as a preservative.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYLISOTHIAZOLINONE & BENZISOTHIAZOLINONE [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinse-off products (not applied to mucosa).	
METHYLISOTHIAZOLINONE & BENZISOTHIAZOLINONE [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
METHYLISOTHIAZOLINONE & BENZISOTHIAZOLINONE [based on the component: METHYLISOTHIAZOLINONE]	methylisothiazolin one		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	
METHYLISOTHIAZOLINONE & BENZISOTHIAZOLINONE [based on the component: METHYLISOTHIAZOLINONE]	2-Methyl-2H- isothiazol-3-one	2682-20-4	The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinse off products	
METHYLISOTHIAZOLINONE & BENZISOTHIAZOLINONE [based on the component: METHYLISOTHIAZOLINONE]	2-Methyl-2H- isothiazol-3-one		The European Commission restricts this ingredient to a maximum concentration of 0.0015% in rinse-off products.	
METHYLPARABEN	Methylparaben	99-76-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	
METHYLSILANOL PEG-7 GLYCERYL COCOATE	Methylsilanol Peg- 7 Glyceryl Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
METHYLSILANOL TRI-PEG-8 GLYCERYL COCOATE	Methylsilanol Tri- Peg-8 Glyceryl Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MEXORYL SX	TEREPHTHALYLID ENEDICAMPHORS ULFONICACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
MEXORYL SX	TEREPHTHALYLID ENEDICAMPHORS ULFONICACID		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
MEXORYL SX	TEREPHTHALYLID ENEDICAMPHORS ULFONICACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
МІВК	Methyl isobutyl ketone	108-10-1	The Cosmetic Ingredient Review has determined that this ingredient is safe in nail polish removers, and safe as used up to a concentration of 4% as an alcohol denaturant.	
МІВК	МІВК	108-10-1	The Cosmetic Ingredient Review has determined that this ingredient is safe in nail polish removers, and safe as used up to a concentration of 4% as an alcohol denaturant.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MICA	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
MICELLIZED VITAMIN A	Retinol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
MICELLIZED VITAMIN A	retinyl palmitate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
MICELLIZED VITAMIN A	Retinol	68-26-8	Health Canada restricts this ingredient to a maximum concentration of 1% (as retinol equivalents).	
MICELLIZED VITAMIN A	RETINYLPALMITA TE	79-81-2	Health Canada restricts this ingredient to a maximum concentration of 1.83%.	
Microcitrus Australasica Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
Microcitrus Australis Fruit Extract			(*) The Cosmetic Ingredient Review restricts the 5-methoxypsoralen concentration of this ingredient to a maximum concentration of 0.0015% in the final product for leave-on products.	
MIDORI201	Disodium 2,2'- (9,10- dioxoanthracene- 1,4- diyldiimino)bis(5- methylsulphonate)	4403-90-1	(*) The European Commission restricts this ingredient to a maximum concentration of 0.3% in non-oxidative hair dye products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MIDORI401	Trisodium tris[5,6- dihydro-5- (hydroxyimino)-6- oxonaphthalene-2- sulphonato(2-)- N5,06]ferrate(3-)		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
MILKAMIDOPROPYL BETAINE	MILKAMIDOPROP YL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MINERAL OIL	MINERAL OIL	8012-95-1; 8042-47-5	This ingredient can bioaccumulate in human tissues and is prohibited in lip and oral products. It is restricted in other product categories based on European cosmetics legislation, European Pharmacopeia and recommendations from Cosmetics Europe and German Federal Institute for Risk Assessment. The ingredient must be highly refined including documentation of refining process and non-carcinogenic source material, with DMSO extractives below 0.2% and less than 250 ppm MOAH after refining. High viscosity mineral oils must have a carbon chain length of at least C-28 atoms (at 5% boiling point), a molecular mass of at least 500 Daltons and a viscosity value of 11 centistokes. Low- medium viscosity mineral oils must have a carbon chain length of at least C- 25 atoms (at 5% boiling point), a molecular mass of 480-500 Daltons and a viscosity value of 8.5-11 centistokes.	
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED HEAVY NAPHTENIC (MILD OR NOSOLVENT-	MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED HEAVY NAPHTENIC (MILD OR NOSOLVENT-	64742-68-3	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED HEAVY PARAFFINIC (MILD OR NOSOLVENT-	MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED HEAVY PARAFFINIC (MILD OR NOSOLVENT-	64742-70-7	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED LIGHT NAPHTHENIC (MILD OR NOSOLVENT-	MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED LIGHT NAPHTHENIC (MILD OR NOSOLVENT-	64742-69-4	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	MINERAL OIL, PETROLEUM DISTILLATES CATALYTIC DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	64742-71-8	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY NAPHTHENIC	64742-52-5	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY PARAFFINIC	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) HEAVY PARAFFINIC	64742-54-7	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	

Substance/Ingradiant	Altorpativo pamo	CAS	EWC VEDIEIED <sup>M</sup> Droduct Postrictions *	Labols Must Poar Those Warpings
Substance/ingredient	Alternative name	CAS	EWG VERIFIED FIODUCT Restrictions	Labers Must Dear These Warnings
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT NAPHTHENIC	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT NAPHTHENIC	64742-53-6	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC	MINERAL OIL, PETROLEUM DISTILLATES, HYDROTREATED (MILD) LIGHT PARAFFINIC	64742-55-8	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT- DEWAXED HEAVY NAPHTHENIC (MILD OR NOSOLVENT-	MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT- DEWAXED HEAVY NAPHTHENIC (MILD OR NOSOLVENT-	64742-63-8	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT- DEWAXED HEAVY PARAFFINIC (MILD OR NOSOLVENT-	MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT- DEWAXED HEAVY PARAFFINIC (MILD OR NOSOLVENT-	64742-65-0	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT- DEWAXED LIGHT NAPHTHENIC (MILD OR NOSOLVENT-	MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT- DEWAXED LIGHT NAPHTHENIC (MILD OR NOSOLVENT-	64742-64-9	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT- DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	MINERAL OIL, PETROLEUM DISTILLATES, SOLVENT- DEWAXED LIGHT PARAFFINIC (MILD OR NOSOLVENT-	64742-56-9	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
MINERAL PIGMENTS	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
MINERAL SALTS	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
MINERAL SPIRITS	Mineral Spirits	8032-32-4	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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MINK OIL	MINK OIL	8023-74-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides.	
MINK OIL PEG-13 ESTERS	Mink Oil Peg-13 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MINKAMIDE DEA	MINKAMIDE DEA	124046-27-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MINKAMIDE DEA	MINKAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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MIPA C12-15 PARETH SULFATE	MIPA C12-15		The European Commission restricts the	
	PARETH SULFATE		usage and purity of this ingredient: the	
			maximum secondary amine content	
			cannot exceed 0.5% (applies to raw	
			carnot exceed 0.5% (applies to raw	
	8		materials); the ingredient cannot be	
			used with nitrosating systems; the	
			minimum purity should be at least 99%;	
			the maximum nitrosamine content	
			cappot oxcood 50 microgram/kg; and	
			cannot exceed 50 microgram/kg, and	
			the product must be kept in nitrite-free	
			containers	
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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MIPA-BORATE	MIPA-BORATE	68003-13-4	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age. Lastly, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MIPA-BORATE [based on the component: BORIC ACID]	Boric acid	13460-50-9	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'
MIPA-BORATE [based on the component: BORIC ACID]	Boric acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%, and may not be used on products applied to infant or injured skin.	
MIPA-BORATE [based on the component: BORIC ACID]	BORICACID	10043-35-3	Health Canada restricts this ingredient to a maximum concentration of 5%.	Health Canada requires the following on the product label/package in all products containing more than 0.1% boric acid and when it is not used a pH adjuster: - 'Do not use on broken or abraded skin'; - 'Not to be used by children under three years of age'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MIPA-BORATE [based on the component: BORIC ACID]	BORICACID	11113-50-1	Health Canada restricts this ingredient to a maximum concentration of 5%.	Health Canada requires the following on the product label/package in all products containing more than 0.1% boric acid and when it is not used a pH adjuster: - 'Do not use on broken or abraded skin'; - 'Not to be used by children under three years of age'.
MIPA- DODECYLBENZENESULFONAT E	MIPA- DODECYLBENZE NESULFONATE	42504-46-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MIPA-LAURETH SULFATE	MIPA-LAURETH SULFATE	83016-76-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MIPA-LAURETH SULFATE	MIPA-LAURETH SULFATE	83016-76-6	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MIPA-LAURYL SULFATE MIPA- LAURYL SULFATE	MIPA-LAURYL SULFATE MIPA- LAURYL SULFATE	21142-28-9	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MIPA-MYRISTATE	MIPA-MYRISTATE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MIXED CITRUS OILS	Citrus oils and other furocoumarins containing essential oils (Bergapten)		The International Fragrance Association restricts the total bergapten (5- methoxypsoralen) concentration of this ingredient (in combination with other citrus oils) to a maximum concentration of 15 ppm in the final product for leave- on products.	
MIXED CRESOLS	Cresol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.01% in rinse-off products (not applied to mucosa).	
MIXED CRESOLS	Cresol		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
MIXED CRESOLS	Cresol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.01% in leave-on products (not applied to mucosa).	
MIXED ISOPROPANOLAMINES	MIXED ISOPROPANOLA MINES		The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
MIXED LINEAR AND BRANCHED C14-15 ALCOHOLS ETHOXYLATED, REACTION PRODUCT WITH EPICHLOROHYDRIN	mixed linear and branched C14-15 alcohols ethoxylated, reaction product with epichlorohydrin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MIXEDFRUITACID			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
Mixture of 5-Chloro-2-methyl- isothiazol-3(2H)-one and 2- Methylisothiazol-3(2H)-one with magnesium chloride and magnesium nitrate		261725542682 20455965-84- 9	(*) The European Commission restricts this ingredient to a maximum concentration of 0.0015% (as a mixture in the ratio 3:1 of 5-Chloro-2-methyl- isothiazol-3(2H)-one and 2- Methylisothiazol-3(2H)-one)	
Modified Polyethoxylated Alcohol	Modified Polyethoxylated Alcohol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
monoethanolamine citrate [based on the component: CITRIC ACID]	CITRICACID	77-92-9	Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5 of final formulation. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a final pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
monoethanolamine citrate [based on the component: ETHANOLAMINE]	Ethanolamine	141-43-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
monoethanolamine citrate [based on the component: ETHANOLAMINE]	Ethanolamines, NOS	141-43-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
monoethanolamine citrate [based on the component: ETHANOLAMINE]	Monoethanolamine	141-43-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
MONOSACCHARIDE COMPLEX	ALOE BARBADENSIS LEAF POLYSACCHARID ES		The Cosmetic Ingredient Review restricts the anthraquinone content of this ingredient to less than 50 ppm. Additionally, the CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides, arsenic, heavy metals, and lead	
MONTAN CERA	MONTAN WAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%.	
MONTAN WAX	MONTAN WAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%.	
MONTMORILLONITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
MORINGA OLEIFERA SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.001%.	
MORINGA OLEIFERA SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.001%	
MORINGA OLEIFERA SEED OIL	MORINGA PTERYGOSPERMA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MOROCCAN LAVA CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
MURASAKI401	ACID VIOLET 43	4430-18-6	The Cosmetic Ingredient Review restricts this ingredient's impurirites to the following maximum concentrations: 18% of volatile matter (at 135°C) and chlorides and sulfates (calculated as sodium salts), 0.4% of water-insoluble matter; 0.2% of 1-hydroxy-9,10- anthracenedione, 0.2% of 1,4-dihydroxy- 9,10-anthracenedione, 0.1% of p- toluidine, 0.2% of ptoluidine sulfonic acids, sodium salts, 1% of subsidiary colors, 20 ppm of lead, 3 ppm of arsenic, 1 ppm of mercury, and over 80% of total color.	
MURASAKI401	Sodium 4-[(9,10- dihydro-4-hydroxy 9,10-dioxo-1- anthryl)amino]tolu ene-3-sulphonate		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
MURASAKI401	Sodium, 4- [(9,10- dihydro-4- hydroxy-9,10- dioxo-1-anthryl) amino]toluene-3- sulphonate	4430-18-6	(*) The European Commission restricts this ingredient to a maximum concentration of 0.5% in non-oxidative hair dye products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MUSK KETONE	Musk ketone	81-14-1	The European Commission restricts this ingredient to a maximum concentration of 1.4% in fine fragrance, 0.56% in eau de toilette, and 0.042% in all other products.	
MUSK KETONE	Musk ketone	81-14-1	The European Commission restricts this ingredient to a maximum concentration of 1.4% in fine fragrance, 0.56% in eau de toilette, and 0.042% in all other products.	
MUSK KETONE	Musk ketone	81-14-1	The International Fragrance Association restricts the musk xylene content of the raw ingredient to less than 0.1%.	
MUSK XYLENE	Musk xylene	81-15-2	The European Commission restricts this ingredient to a maximum concentration of 1.0% in fine fragrance, 0.4% in eau de toilette products, and 0.03% in all other products.	
MUSK XYLENE	Musk xylene	81-15-2	The European Commission restricts this ingredient to a maximum concentration of 1.0% in fine fragrance, 0.4% in eau de toilette products, and 0.03% in all other products.	
MUSTELA (mink/weasel oil)	MINK OIL	8023-74-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: PCB/pesticides.	
MYRCIA OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
MYRCIA OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
MYRCIA OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MYRETH-10	MYRETH-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MYRETH-3	MYRETH-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MYRISTAMIDE DEA	MYRISTAMIDE DEA MYRISTAMIDE DEA	7545-23-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MYRISTAMIDE DEA	MYRISTAMIDE DEA	7545-23-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
MYRISTAMIDE DEA	MYRISTAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
MYRISTAMIDE DEA MYRISTAMIDE DEA	MYRISTAMIDE DEA MYRISTAMIDE DEA	7545-23-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MYRISTAMIDE DEA MYRISTAMIDE DEA	MYRISTAMIDE DEA	7545-23-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
Myristamide MEA (amended)			(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
MYRISTAMIDOPROPYL BETAINE	MYRISTAMIDOPR OPYL BETAINE	59272-84-3	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
MYRISTAMIDOPROPYL DIMETHYLAMINE	Myristamidopropy I dimethylamine	45267-19-4	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MYRISTOYL SARCOSINE	MYRISTOYL SARCOSINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR restricts this ingredient to products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
MYRISTYL ALCOHOL	MYRISTYL ALCOHOL	112-72-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
MYRISTYL BETAINE	MYRISTYL BETAINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.84%.	
MYRISTYL LACTATE	MYRISTYL LACTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
MYRISTYL MYRISTATE	MYRISTYL MYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 17%.	
MYRISTYL MYRISTATE	MYRISTYL MYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 17%.	
MYRISTYL SALICYLATE	MYRISTYL SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
MYRISTYL STEARATE	MYRISTYL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
MYRISTYL STEARATE	MYRISTYL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
MYRISTYLAMIDOPROPYL DIMETHYLAMINE DIMETHICONE PEG-7 PHOSPHATE	Myristylamidopro pyl Dimethylamine Dimethicone Peg- 7 Phosphate	137145-36-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
MYROXYLON PEREIRAE (BALSAM PERU) OIL	MYROXYLON PEREIRAE (BALSAM PERU) OIL	8007-00-9	The European Commission restricts this ingredient to a maximum concentration of 0.40%.	
MYROXYLON PEREIRAE (BALSAM PERU) OIL	MYROXYLON PEREIRAE (BALSAM PERU) OIL	8007-00-9	The European Commission restricts this ingredient to a maximum concentration of 0.40%.	
MYROXYLON PEREIRAE RESIN		8007-00-9	The European Commission restricts this ingredient to a maximum concentration of 0.40%.	
MYROXYLON PEREIRAE RESIN		8007-00-9	The European Commission restricts this ingredient to a maximum concentration of 0.40%.	

MYROXYLON PEREIRAE RESIN Peru balsam 8007-00-9 The International Fragrance Association   restricts and distillates 0.04% in deodrants/antiperspirants, 0.04% in deodrants/antiperspirants,   0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and   baby creams, lotions and oils, 0.4% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body   sprays, hair styling aids and sprays, body creams, olis and lotions, and foot care products, 0.2% in women's facial   creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.7% in   mouthwashes, breath sprays, and toothopastes, 0.07% in muthwashes, breath sprays, and toothopastes, 0.07% in muthwashes, hand	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
and 0.4% In bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	MYROXYLON PEREIRAE RESIN	Peru balsam extracts and distillates	8007-00-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.4% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.2% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.7% in mouthwashes, breath sprays, and toothpastes, 0.07% in intimate wipes, and baby wipes, 0.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.4% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
N-(3-HEXADECYLOXY-2- HYDROXYPROP-1-YL)-N-(2- HYDROXYETHYL)PALMITAMID E	CETYL PG HYDROXYETHYL PALMITAMIDE	110483-07-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
N-(3-HEXADECYLOXY-2- HYDROXYPROP-1-YL)-N-(2- HYDROXYETHYL)PALMITAMID E	N-(3- hexadecyloxy-2- hydroxyprop-1-yl)- N-(2- hydroxyethyl)pal mitamide	110483-07-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
N-LAURYL DIETHANOLAMINE	N-LAURYL DIETHANOLAMIN E	1541-67-9	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
n-octyl-polyoxyethylene	n-Octyl- polyoxyethylene		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
N-PHENYLENEDIAMINE	N-PHENYL-P- PHENYLENEDIAM INE	101-54-2	The European Commission restricts this ingredient to a maximum concentration of 3% (calculated as free base) applied to hair after mixing under oxidative conditions.	The European Commission requires the following on the product label/package on general use hair dye: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'; - 'Contains phenylenediamines.'; - 'Do not use to dye eyelashes or eyebrows". For professionaly use hair dye, the European Commission requires the following on the product label/package: - The mixing ratio; - 'For professionaly use only'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour you have a rash on your face or sensitive, irritated and solve experiments.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
N-PHENYL-P- PHENYLENEDIAMINE	N-PHENYL-P- PHENYLENEDIAM INE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1.7% as a free base.	
N-PHENYLENEDIAMINE HCL	N-PHENYL-P- PHENYLENEDIAM INE HCL	2198-59-6	The European Commission restricts this ingredient to a maximum concentration of 3% (calculated as free base) applied to hair after mixing under oxidative conditions.	The European Commission requires the following on the product label/package on general use hair dye: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'; - 'Contains phenylenediamines.'; - 'Do not use to dye eyelashes or eyebrows". For professionaly use hair dye, the European Commission requires the following on the product label/package: - The mixing ratio; - 'For professionaly use only'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and so your face or sensition requires the follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and
N-PHENYL-P- PHENYLENEDIAMINE HCL	N-PHENYL-P- PHENYLENEDIAM INE HCL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1.7% as a free base.	າຕີລາກຈາລາວເອັດເຕີມຕົດຈະໄກແບບແນ່ນັດແນ່ນຢູ່ການເດີຍເນັ້ນໂດຍເມີນນັດເຮົາແບບແບບແນ

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
N-PHENYL-P- PHENYLENEDIAMINE SULFATE	N-PHENYL-P- PHENYLENEDIAM INE SULFATE N- PHENYLENEDIAM INE SULFATE	4698-29-7	The European Commission restricts this ingredient to a maximum concentration of 3% (calculated as free base) applied to hair after mixing under oxidative conditions.	The European Commission requires the following on the product label/package on general use hair dye: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'; - 'Contains phenylenediamines.'; - 'Do not use to dye eyelashes or eyebrows". For professionaly use hair dye, the European Commission requires the following on the product label/package: - The mixing ratio; - 'For professionaly use only'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
N-PHENYLENEDIAMINE SULFATE	N-PHENYL-P- PHENYLENEDIAM INE SULFATE	4698-29-7	The European Commission restricts this ingredient to a maximum concentration of 3% (calculated as free base) applied to hair after mixing under oxidative conditions.	The European Commission requires the following on the product label/package on general use hair dye: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'; - 'Contains phenylenediamines.'; - 'Do not use to dye eyelashes or eyebrows". For professionaly use hair dye, the European Commission requires the following on the product label/package: - The mixing ratio; - 'For professionaly use only'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and
PHENYLENEDIAMINE SULFATE	PHENYLENEDIAM INE SULFATE		determined that this ingredient is safe as used up to a concentration of 1.7% as a free base.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient N-PHENYL-P- PHENYLENEDIAMINE SULFATE PHENYLENEDIAMINE SULFATE	Alternative name N-PHENYL-P- PHENYLENEDIAM INE SULFATE N- PHENYLENEDIAM INE SULFATE	CAS 4698-29-7	EWG VERIFIED <sup>™</sup> Product Restrictions * The European Commission restricts this ingredient to a maximum concentration of 3% (calculated as free base) applied to hair after mixing under oxidative conditions.	Labels Must Bear These Warnings The European Commission requires the following on the product label/package on general use hair dye: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'; - 'Contains phenylenediamines.'; - 'Do not use to dye eyelashes or eyebrows". For professionaly use hair dye, the European Commission requires the following on the product label/package: - The mixing ratio; - 'For professionaly use only'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy': - 'Do not
				colour your hair if: — you have a rash on your face or sensitive, irritated and

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
N-PHENYL-P- PHENYL-P- PHENYLENEDIAMINE SULFATE	N-PHENYL-P- PHENYLENEDIAM INE SULFATE	4698-29-7	The European Commission restricts this ingredient to a maximum concentration of 3% (calculated as free base) applied to hair after mixing under oxidative conditions.	The European Commission requires the following on the product label/package on general use hair dye: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'; - 'Contains phenylenediamines.'; - 'Do not use to dye eyelashes or eyebrows". For professionaly use hair dye, the European Commission requires the following on the product label/package: - The mixing ratio; - 'For professionaly use only'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and follow instructions.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and
N-PROLYL PALMITOYL TRIPEPTIDE-56 ACETATE	n-prolyl palmitoyl tripeptide-56 acetate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.002%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
N,N-BIS(2-HYDROXYETHYL)-P- PHENYLENEDIAMINE SULFATE	N,N-BIS(2- HYDROXYETHYL)- P- PHENYLENEDIAM INE SULFATE	58262-44-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% (calculated as sulphate) applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, and it cannot have a nitrosamine content of more than 50 microgram/kg.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'
N,N-BIS(2-HYDROXYETHYL)-P- PHENYLENEDIAMINE SULFATE	ETHANOL, 2,2'-((4- AMINOPHENYL)I MINO)BIS-, SULFATE (SALT), HYDRATE (1:1:1)	54381-16-7	The European Commission restricts this ingredient to a maximum concentration of 2.5% (calculated as sulphate) applied to hair after mixing under oxidative conditions in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating agents, and it cannot have a nitrosamine content of more than 50 microgram/kg.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'
N,N-BIS(2-HYDROXYETHYL)-P- PHENYLENEDIAMINE SULFATE	N,N-BIS(2- HYDROXYETHYL)- P- PHENYLENEDIAM INE SULFATE	63886-75-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
N,N'-bis(4-chlorophenyl)-3,12- diimino-2,4,11,13- tetraazatetradecanediamidine and its digluconate, diacetate and dihydrochloride			(*) The European Commission restricts this ingredient to a maximum concentration of 0.3% (as chlorhexidine)	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
nameALUMINUM ZIRCONIUM	ALUMINUMZIRCO NIUM		Health Canada restricts this ingredient to a maximum concentration of 20% (calculated as the anhydrous form). Additionally, it cannot be used in aerosol dispensers and be combined with aluminum chloride, aluminum chlorohydrate or its associated complexes or other aluminum zirconium complexes.	Health Canada requires the following warning text on the label/package of deodorant and antiperspirant cosmetics: - 'Discontinue use if rash or irritation occurs'; - 'Do not use on broken skin'.
NAPHTHA (PETROLEUM, FULL- RANGE REFORMED	NAPHTHA (PETROLEUM, FULL-RANGE REFORMED	68919-37-9	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), CATALYTIC REFORMED	Naphtha (petroleum), catalytic reformed	68955-35-1	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), FULL RANGE STRAIGHT-RUN	Naphtha (petroleum), full- range straight-run	64741-42-0	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC CRACKED	Naphtha (petroleum), heavy catalytic cracked	64741-54-4	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), HEAVY CATALYTIC REFORMED	Naphtha (petroleum), heavy catalytic reformed	64741-68-0	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), LIGHT ALKYLATE	Naphtha (petroleum), light alkylate	64741-66-8	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), LIGHT CATALYTIC CRACKED	Naphtha (petroleum), light catalytic cracked	64741-55-5	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
NAPHTHA (PETROLEUM), LIGHT CATALYTIC REFORMED	Naphtha (petroleum), light catalytic reformed	64741-63-5	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), LIGHT STRAIGHT-RUN	Naphtha (petroleum), light straight-run	64741-46-4	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), SWEETENED	Naphtha (petroleum), sweetened	64741-87-3	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA (PETROLEUM), THERMAL CRACKED	NAPHTHA (PETROLEUM), THERMAL CRACKED	64741-83-9	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NAPHTHA, (PETROLEUM), HEAVY, SOLVENT-REFINED	NAPHTHA, (PETROLEUM), HEAVY, SOLVENT- REFINED	64741-92-0	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
Naphtha, petroleum, heavy alkylate	Naphtha, petroleum, heavy alkylate	64741-65-7	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NATURAL GAS CONDENSATES	Natural gas condensates	68919-39-1	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NATURAL GAS CONDENSATES (PETROLEUM)	Natural gas condensates (petroleum)	64741-47-5	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
NEOPENTYL GLYCOL DIISONONANOATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient NERAL	Alternative name	CAS 106-26-3	EWG VERIFIED <sup>™</sup> Product Restrictions * The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.3% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 1.4% in makeup removers.	Labels Must Bear These Warnings
			baby wipes, 1.4% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
NIACIN	NIACIN	59-67-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
NIACINAMIDE	NIACINAMIDE	98-92-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
NICKEL	nickel	7440-02-0	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NICOMETHANOL HYDROFLUORIDE	NICOMETHANOL HYDROFLUORIDE	62756-44-9	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains nicomethanol hydrofluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
NICOMETHANOL HYDROFLUORIDE	NICOMETHANOL HYDROFLUORIDE	62756-44-9	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains nicomethanol hydrofluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NICOMETHANOL HYDROFLUORIDE	NICOMETHANOL HYDROFLUORIDE	62756-44-9	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains nicomethanol hydrofluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
NITROMETHANE	nitromethane	75-52-5	The European Commission restricts this ingredient to a maximum concentration of 0.3% as a rust inhibitor.	
NITROMETHANE	nitromethane	75-52-5	The European Commission restricts this ingredient to a maximum concentration of 0.3% as a rust inhibitor.	
NNMETHYLENEBISN3HYDROX YMETHYL25DIOXO4IMIDAZOLI DINYLUREA			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in rinse-off products (not applied to mucosa).	
NNMETHYLENEBISN3HYDROX YMETHYL25DIOXO4IMIDAZOLI DINYLUREA			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
NNMETHYLENEBISN3HYDROX YMETHYL25DIOXO4IMIDAZOLI DINYLUREA			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONOXYNOL	NONOXYNOL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL	Poly (oxy-1,2- Ethanediyl), Alpha- (4-Nonylphenyl)- Omega-Hydroxy -		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-1	NONOXYNOL-1		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-10	NONOXYNOL-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-10 CARBOXYLIC ACID	Nonoxynol-10 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONOXYNOL-10 PHOSPHATE	Nonoxynol-10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-100	Nonoxynol-100		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-11	Nonoxynol-11		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-12	NONOXYNOL-12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-12	Nonylphenol Ethoxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONOXYNOL-120	Nonoxynol-120		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-13	Nonoxynol-13		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-14	NONOXYNOL-14		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-15	NONOXYNOL-15		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-18	Nonoxynol-18		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONOXYNOL-2	NONOXYNOL-2		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-20	Nonoxynol-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-23	Nonoxynol-23		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-25	Nonoxynol-25		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-3	NONOXYNOL-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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NONOXYNOL-3 PHOSPHATE	Nonoxynol-3 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-30	NONOXYNOL-30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-35	Nonoxynol-35		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-4	NONOXYNOL-4		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-4 PHOSPHATE	Nonoxynol-4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONOXYNOL-40	NONOXYNOL-40		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-44	Nonoxynol-44		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Nonoxynol-49			(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-5	NONOXYNOL-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-5 CARBOXYLIC ACID	Nonoxynol-5 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONOXYNOL-50	NONOXYNOL-50		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-6	NONOXYNOL-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-6 PHOSPHATE	Nonoxynol-6 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-7	NONOXYNOL-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-8	NONOXYNOL-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONOXYNOL-8 CARBOXYLIC ACID	Nonoxynol-8 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-9	NONOXYNOL-9		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONOXYNOL-9 PHOSPHATE	Nonoxynol-9 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL ACETATE	NONYL ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.0004%.	
NONYL NONOXYNOL 7	Nonyl Nonoxynol 7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONYL NONOXYNOL-10	Nonyl Nonoxynol- 10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-10 PHOSPHATE	Nonyl Nonoxynol- 10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-100	Nonyl Nonoxynol- 100		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-11 PHOSPHATE	Nonyl Nonoxynol- 11 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-15 PHOSPHATE	Nonyl Nonoxynol- 15 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONYL NONOXYNOL-150	Nonyl Nonoxynol- 150		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-24 PHOSPHATE	Nonyl Nonoxynol- 24 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-30	Nonyl Nonoxynol- 30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-49	Nonyl Nonoxynol- 49		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-5	Nonyl Nonoxynol-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
NONYL NONOXYNOL-7 PHOSPHATE	Nonyl Nonoxynol-7 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-8 PHOSPHATE	Nonyl Nonoxynol-8 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
NONYL NONOXYNOL-9 PHOSPHATE	Nonyl Nonoxynol-9 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Nonylphenol ethoxylates	Nonylphenol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ΝΟΟΤΚΑΤΟΝΕ	NOOTKATONE	4674-50-4	The International Fragrance Association requires that the raw ingredient be at least 98% pure with a melting point of at least 32°C.	
O-AMINOPHENOL	O-AMINOPHENOL	95-55-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
O-AMINOPHENOL SULFATE		67845-79-8		

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
O-CRESOL	o-Cresol	95-48-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
O-CYMEN-5-OL	O-CYMEN-5-OL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
O-CYMEN-5-OL	lsopropylmethylph enol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in products meant to be applied to the mucosa.	
O-CYMEN-5-OL	Isopropylmethylph enol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	
O-CYMEN-5-OL	4-Isopropyl-m- cresol		(*) The European Commission restricts this ingredient to a maximum concentration of 0.10%	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient o- METHOXYCINNAMALDEHYDE	Alternative name O- METHOXYCINNA MALDEHYDE	CAS 1504-74-1	EWG VERIFIED <sup>™</sup> Product Restrictions * The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.15% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.45% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.24% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.72% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath	Labels Must Bear These Warnings
			products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
o-TOLUALDEHYDE	o,m,p- Tolualdehydes and their mixtures	529-20-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.17% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.26% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.11% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
Oak moss extracts		9000-50-4	According to the International Fragrance Association, this ingredient must not contain added tree moss. Additionally, dehydroabietic acid (DHA) must not exceed 0.1% in the extract, and the levels of atranol and chloroatranol should each be below 100ppm.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OAKMOSS CONCRETE	Oakmoss Extracts	68917-10-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.5% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
OAKMOSS CONCRETE	Oak moss extracts	68917-10-2	According to the International Fragrance Association, this ingredient must not contain added tree moss. Additionally, dehydroabietic acid (DHA) must not exceed 0.1% in the extract, and the levels of atranol and chloroatranol should each be below 100ppm.	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
Oakmoss Extracts		9000-50-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.5% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
OATAMIDE MEA	OATAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OATAMIDOPROPYL BETAINE	oatamidopropyl betaine		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
OATAMIDOPROPYL DIMETHYLAMINE	Oatamidopropyl dimethylamine		This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
OCIMUM BASILICUM (SWEET BASIL) OIL [based on the component: ESTRAGOLE]	Estragole	140-67-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in fine fragrance and eau de toilette, 0.01% in other leave- on and rinse-off products, and 0.2% in non-skin incidental skin contact products.	
OCIMUM BASILICUM (SWEET BASIL) OIL [based on the component: ESTRAGOLE]	Estragole	140-67-0	California Prop65 lists this chemical as known to cause cance; therefore, this chemical is not allowed as a direct addition to a product and cannot make up more than 50% of any listed ingredient.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OCIMUM BASILICUM (SWEET BASIL) OIL [based on the component: LINALOOL]	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
OCIMUM BASILICUM (SWEET BASIL) OIL [based on the component: LINALOOL]	Linalool	78-70-6		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
OCIMUM BASILICUM (SWEET BASIL) OIL [based on the component: LINALOOL]	Linalool; d- Linalool; l-Linalool	78-70-6	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
OCTADECENYL-AMMONIUM FLUORIDE	OCTADECENYL- AMMONIUM FLUORIDE	2782-81-2	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains octadecenyl- ammonium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OCTADECENYL-AMMONIUM FLUORIDE	OCTADECENYL- AMMONIUM FLUORIDE	2782-81-2	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains octadecenyl- ammonium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
OCTADECENYL-AMMONIUM FLUORIDE	OCTADECENYL- AMMONIUM FLUORIDE	2782-81-2	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains octadecenyl- ammonium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
OCTINOXATE	2ETHYLHEXYLPM ETHOXYCINNAMA TE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 20% in rinse-off products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
OCTINOXATE	2ETHYLHEXYLPM ETHOXYCINNAMA TE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 8% in products meant to be applied to the mucosa.	
OCTINOXATE	2ETHYLHEXYLPM ETHOXYCINNAMA TE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 20% in leave-on products (not applied to mucosa).	
OCTISALATE	ETHYLHEXYL SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
OCTISALATE	OCTYLSALICYLAT E		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
OCTISALATE	OCTYLSALICYLAT E		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in products meant to be applied to the mucosa.	
OCTISALATE	OCTYLSALICYLAT E		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
OCTOCRYLENE	2CYANO33DIPHE NYLPROP2ENOIC ACID2ETHYLHEXY LESTEROCTOCRY LENE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OCTODODECYL BENZOATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
OCTOXYNOL 12 PHOSPHATE	Octoxynol 12 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OCTOXYNOL 12 PHOSPHATE	Octoxynol-12 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OCTOXYNOL-1	OCTOXYNOL-1	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-10	OCTOXYNOL-10	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25% in hair bleaches. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OCTOXYNOL-11	OCTOXYNOL-11	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-12	OCTOXYNOL-12	9002-93-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-13	OCTOXYNOL-13	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-16	OCTOXYNOL-16	9002-93-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-20	OCTOXYNOL-20	9002-93-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-20 CARBOXYLIC ACID	OCTOXYNOL-20 CARBOXYLIC ACID		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OCTOXYNOL-25	OCTOXYNOL-25	9002-93-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-3	OCTOXYNOL-3	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-30	OCTOXYNOL-30	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-33	OCTOXYNOL-33	9002-93-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-40	OCTOXYNOL-40	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.02%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OCTOXYNOL-5	OCTOXYNOL-5	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-6	OCTOXYNOL-6	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-7	OCTOXYNOL-7	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-70	OCTOXYNOL-70	9002-93-1	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-8	OCTOXYNOL-8	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OCTOXYNOL-9	OCTOXYNOL-9	9002-93-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
OCTOXYNOL-9 CARBOXYLIC ACID	OCTOXYNOL-9 CARBOXYLIC ACID		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
Octoxynols	Octoxynols		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OCTYL PELARGONATE	ETHYLHEXYL PELARGONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
OCTYLDODECETH-10	OCTYLDODECETH 10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OCTYLDODECETH-16	OCTYLDODECETH 16		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OCTYLDODECETH-2	OCTYLDODECETH 32128-65-7 2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OCTYLDODECETH-20	OCTYLDODECETH 20	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OCTYLDODECETH-25	OCTYLDODECETH 25	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OCTYLDODECETH-30	OCTYLDODECETH 30	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OCTYLDODECETH-5	OCTYLDODECETH 5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
OCTYLDODECYL MYRISTATE	Octyldodecyl Myristate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 21%.	
OCTYLDODECYL MYRISTATE	Octyldodecyl Myristate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 21%.	
OCTYLDODECYL RICINOLEATE	OCTYLDODECYL RICINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
OCTYLDODECYL RICINOLEATE	OCTYLDODECYL RICINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
OCTYLDODECYL STEAROYL STEARATE	OCTYLDODECYL STEAROYL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
OCTYLDODECYL STEAROYL STEARATE	OCTYLDODECYL STEAROYL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
OCTYLDODECYLTRIMONIUM CHLORIDE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used at a concentration of 0.25% or less in leave-on products.	
Octylphenol ethoxylate	Octylphenol Ethoxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OENOTHERA BIENNIS (EVENING PRIMROSE) OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 58%	
OIL BLEND - EWG REVIEWED #295280	BISABOLOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OIL BLEND - EWG REVIEWED #295286	BISABOLOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
OIL BLEND - EWG REVIEWED #295290	BISABOLOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
OIL BLEND - EWG REVIEWED #295320	BISABOLOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
OIL BLEND - EWG REVIEWED #295323	BISABOLOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
OIL BLEND - EWG REVIEWED #295342	BISABOLOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Oils, treemoss, resinoid	Treemoss Extracts	68917-40-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.5% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
Oils, treemoss, resinoid	Treemoss Extracts	68917-40-8	The International Fragrance Association restricts the dehydroabietic acid (DHA) concentration of this ingredient to a maximum of 0.8% in the extract, and the levels of atranol and chloroatranol should each be below 100ppm.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Oils, vetiver, acetylated	Acetylated Vetiver oil	68917-34-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.07% in lip products, 0.08% in deodorants/antiperspirants, 0.35% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.04% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.55% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.67% in mouthwashes, breath sprays, and toothpastes, 0.17% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
OLEA EUROPAEA (OLIVE) FRUIT OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 100%	
OLEA EUROPAEA (OLIVE) OIL UNSAPONIFIABLES	OLEA EUROPAEA (OLIVE) OIL UNSAPONIFIABLE S		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLEAMIDE DEA	OLEAMIDE DEA	93-83-4	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
OLEAMIDE DEA	OLEAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
OLEAMIDE MEA	OLEAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLEAMIDOPROPYL BETAINE	OLEAMIDOPROP YL BETAINE	25054-76-6	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
OLEAMIDOPROPYL DIMETHYLAMINE	Oleamidopropyl dimethylamine	109-28-4	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
OLEAMINE	OLEAMINE	112-90-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLEOYL SARCOSINE	OLEOYL SARCOSINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR restricts this ingredient to products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
OLETH-10	OLETH-9	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-82	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-8	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-7	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLETH-10	OLETH-6	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-50	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-44	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-40	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-35	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLETH-10	OLETH-30	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-25	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-24	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-23	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-20	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
OLETH-10	OLETH-15	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-12	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-11	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-106	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10	OLETH-2	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
OLETH-10	OLETH-10	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10 CARBOXYLIC ACID	Oleth-6 Carboxylic Acid	57635-48-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10 CARBOXYLIC ACID	Oleth-3 Carboxylic Acid	57635-48-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10 CARBOXYLIC ACID	Oleth-10 Carboxylic Acid	57635-48-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10 PHOSPHATE	Oleth-5 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLETH-10 PHOSPHATE	Oleth-4 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10 PHOSPHATE	Oleth-20 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10 PHOSPHATE	Oleth-2 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10 PHOSPHATE	Oleth-3 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-10 PHOSPHATE	Oleth-10 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLETH-106	OLETH-106	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-11	OLETH-11	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-12	OLETH-12	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-15	OLETH-15	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-16	OLETH-16	25190-05-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLETH-2	OLETH-2	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-2 BENZOATE	Oleth-2 Benzoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-2 PHOSPHATE	Oleth-2 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-2 POLYSORBATE 20	Oleth-2 Polysorbate 20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-20	OLETH-20	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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OLETH-20 PHOSPHATE	Oleth-20 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-23	OLETH-23	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-24	OLETH-24	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-25	OLETH-25	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-3	OLETH-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLETH-3 CARBOXYLIC ACID	Oleth-3 Carboxylic Acid	57635-48-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-3 PHOSPHATE	Oleth-3 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-30	OLETH-30	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-35	OLETH-35	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-4	OLETH-4	5353-26-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
OLETH-4 PHOSPHATE	Oleth-4 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-40	OLETH-40	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-44	OLETH-44	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-5	OLETH-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-5 PHOSPHATE	Oleth-5 Phosphate	39464-69-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
OLETH-50	OLETH-50	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-6	OLETH-6	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-6 CARBOXYLIC ACID	Oleth-6 Carboxylic Acid	57635-48-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-7	OLETH-7	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-8	OLETH-8	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLETH-82	OLETH-82	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETH-9	OLETH-9	9004-98-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLETHs			(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLIVAMIDE DEA	OLIVAMIDE DEA	124046-30-6	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLIVAMIDE DEA	OLIVAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
OLIVAMIDE MEA			(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
OLIVAMIDOPROPYL BETAINE	OLIVAMIDOPROP YL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
OLIVE OIL PEG-10 ESTERS	Peg-6 Olive Glycerides	103819-46-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLIVE OIL PEG-10 ESTERS	Peg-2 Olive Glycerides	103819-46-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLIVE OIL PEG-10 ESTERS	Olive Oil Peg-6 Esters	103819-46-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLIVE OIL PEG-10 ESTERS	Olive Oil Peg-10 Esters	103819-46-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLIVE OIL PEG-6 ESTERS	Olive Oil Peg-6 Esters	103819-46-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLIVE OIL PEG-7 ESTERS	Olive Oil Peg-7 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OLIVE OIL PEG-8 ESTERS	Olive Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLIVE OIL PEG/PPG-3/1 ESTERS	Olive Oil Peg/ppg- 3/1 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OLIVINE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
OPOPANAX CHIRONIUM RESIN EXTRACT	OPOPANAX CHIRONIUM RESIN EXTRACT	93384-32-8	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
OPOPANAX CHIRONIUM RESIN EXTRACT	OPOPANAX CHIRONIUM RESIN EXTRACT	93384-32-8	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
OPOPANAX CHIRONIUM RESIN EXTRACT	OPOPANAX CHIRONIUM RESIN STEAM- DISTILLED OIL	93384-32-8	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
OPOPANAX CHIRONIUM RESIN EXTRACT	OPOPANAX CHIRONIUM RESIN STEAM- DISTILLED OIL	93384-32-8	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OPOPANAX CHIRONIUM RESIN EXTRACT	Opoponax (all forms)	93384-32-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.15% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.45% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.24% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.6% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.6% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
OPOPANAX CHIRONIUM RESIN STEAM-DISTILLED OIL	OPOPANAX CHIRONIUM RESIN EXTRACT	93384-32-8	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
OPOPANAX CHIRONIUM RESIN STEAM-DISTILLED OIL	OPOPANAX CHIRONIUM RESIN STEAM- DISTILLED OIL	93384-32-8	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
OPOPANAX CHIRONIUM RESIN STEAM-DISTILLED OIL	OPOPANAX CHIRONIUM RESIN STEAM- DISTILLED OIL	93384-32-8	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
Opoponax	Opoponax (all forms)	9000-78-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.15% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.45% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.24% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.6% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.6% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
OPOPONAX OIL	Opoponax oil	8021-36-1	The European Commission restricts this ingredient to a maximum concentration of 0.6%.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
OPOPONAX OIL	Opoponax (all forms)	8021-36-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.15% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.45% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.24% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.6% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.6% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
OPTIPHEN	SORBIC ACID	110-44-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.
OPTIPHEN	Phenoxyethanol		The Cosmetic Ingredient Review has determined that Phenoxyethanol (a component of several branded preservatives) is safe as used up to a concentration of 1%.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OPTIPHEN	Phenoxyethanol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
ORBIGNYA OLEIFERA (BABASSU) SEED OIL	ORBIGNYA OLEIFERA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 27%	
ORBIGNYA OLEIFERA SEED OIL PEG-8 ESTERS	Orbignya Oleifera Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ORBIGNYA SPECIOSA KERNEL OIL	ORBIGNYA SPECIOSA KERNEL OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.9%.	
ORIGANUM VULGARE (OREGANO) OIL [based on the component: CARVACROL]	CARVACROL	499-75-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
ORYZA SATIVA (BROWN RICE)	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) BRAN	ORYZA SATIVA (RICE) BRAN		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) BRAN EXTRACT	ORYZA SATIVA (RICE) BRAN EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ORYZA SATIVA (RICE) BRAN OIL	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) BRAN WATER	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) BRAN WAX	ORYZA SATIVA (RICE) BRAN WAX		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) BRAN WAX	ORYZA SATIVA (RICE) BRAN EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) EXTRACT	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) EXTRACT	ORYZA SATIVA (RICE) EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) FLOUR	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ORYZA SATIVA (RICE) GERM OIL	ORYZA SATIVA (RICE) GERM OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) HULL POWDER	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) HULLS	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
Oryza Sativa (Rice) Lipids	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
Oryza Sativa (Rice) Lipids	ORYZA SATIVA (RICE) EXTRACT		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) OIL	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ORYZA SATIVA (RICE) POWDER	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) PROTEIN	ORYZA SATIVA (RICE) BRAN OIL		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
ORYZA SATIVA (RICE) STARCH	ORYZA SATIVA (RICE) STARCH		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: heavy metals and pesticides.	
OXALIC ACID	oxalic acid	144-62-7	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
OXALIC ACID	oxalic acid	144-62-7	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
OXIDIZED POLYETHYLENE	Oxidized Polyethylene	68441-17-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-8/17 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-7/50 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-6/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-5/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-4/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-35/9 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-32/3 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-300/55 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-30/33 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-30/160 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-26/31 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-25/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-23/50 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-23/17 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-200/70 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-18/4 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-160/31 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-150/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-125/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-10/70 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-10/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Oxirane, 2-methyl-, polymer with oxirane	Peg/ppg-1/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ Ppg-240/ 60 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ Ppg 38/ 8 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Oxirane, 2-methyl-, polymer with oxirane	Peg/ Ppg 116/ 66 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
OXYBENZONE	BENZOPHENONE- 3	131-57-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
OXYBENZONE	2HYDROXY4MET HOXYBENZOPHE NONE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
OXYBENZONE	2HYDROXY4MET HOXYBENZOPHE NONE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 5% in leave-on products (not applied to mucosa).	
OXYQUINOLINE	OXYQUINOLINE	148-24-3	The European Commission restricts this ingredient to a maximum concentration of 0.3% (as base) in hair rinse-off products and 0.03% (as base) in hair leave-on products, both as a stabilizer for hydrogen peroxide.	
OXYQUINOLINE	OXYQUINOLINE	148-24-3	The European Commission restricts this ingredient to a maximum concentration of 0.3% (as base) in hair rinse-off products and 0.03% (as base) in hair leave-on products, both as a stabilizer for hydrogen peroxide.	
OXYQUINOLINE	OXYQUINOLINE		The Cosmetic Ingredient Review restricts the use of this ingredient to a stabilizer for hydrogen peroxide in rinse-off hair products.	
OZOKERITE	OZOKERITE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 22%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
P-AMINOPHENOL	P-AMINOPHENOL	123-30-8	The European Commission restricts this ingredient to a maximum concentration of 0.9% applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
P-AMINOPHENOL	P-AMINOPHENOL	123-30-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
P-CHLORO-M-CRESOL	P-CHLORO-M- CRESOL	59-50-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
P-CHLORO-M-CRESOL	chlorocresol	59-50-7	(*) The European Commission restricts this ingredient to a maximum concentration of 0.20% and is prohibited for use in products applied on mucous membranes.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
p-lsobutyl-alpha-methyl hydrocinnamaldehyde	p-lsobutyl-α- methyl hydrocinnamaldeh yde	6658-48-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.07% in lip products, 0.08% in deodorants/antiperspirants, 0.35% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.04% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.55% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.67% in mouthwashes, breath sprays, and toothpastes, 0.17% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
P-METHYLAMINOPHENOL	P- METHYLAMINOPH ENOL	150-75-4	The European Commission restricts this ingredient to a maximum concentration of 0.68% (as sulphate) in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
P-METHYLAMINOPHENOL	P- METHYLAMINOPH ENOL	150-75-4	The European Commission restricts this ingredient to a maximum concentration of 0.68% (as sulphate) in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'
P-METHYLAMINOPHENOL	P- METHYLAMINOPH ENOL	150-75-4	The European Commission restricts this ingredient to a maximum concentration of 0.68% (as sulphate) in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'
P-METHYLAMINOPHENOL	P- METHYLAMINOPH ENOL	150-75-4	The European Commission restricts this ingredient to a maximum concentration of 0.68% (as sulphate) in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
P-METHYLAMINOPHENOL SULFATE	P- METHYLAMINOPH ENOL SULFATE	1936-57-8	The European Commission restricts this ingredient to a maximum concentration of 0.68% (as sulphate) in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'
P-METHYLAMINOPHENOL SULFATE	P- METHYLAMINOPH ENOL	150-75-4	The European Commission restricts this ingredient to a maximum concentration of 0.68% (as sulphate) in oxidative hair dye products. Additionally, this substance cannot be used with nitrosating systems, it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	The European Commission requires the following warning text on the product label/package: - 'Hair colourants can cause severe allergic reactions'
P-METHYLAMINOPHENOL SULFATE	P- METHYLAMINOPH ENOL SULFATE	55-55-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7%.	
p-METHYLHYDROCINNAMIC ALDEHYDE	P- METHYLHYDROCI NNAMIC ALDEHYDE		The European Commission restricts this ingredient to a maximum concentration of 0.2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
P-PHENYLENEDIAMINE	p- phenylenediamine	106-50-3	The European Commission restricts this ingredient to a maximum concentration of 3% (calculated as free base) applied to hair after mixing under oxidative conditions.	The European Commission requires the following on the product label/package on general use hair dye: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'; - 'Contains phenylenediamines.'; - 'Do not use to dye eyelashes or eyebrows''. For professionaly use hair dye, the European Commission requires the following on the product label/package: - The mixing ratio; - 'For professionaly use only'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and
P-PHENYLENEDIAMINE	p- phenylenediamine	106-50-3	The European Commission restricts this ingredient to a maximum concentration of 2% (calculated as free base) when applied to hair after mixing under oxidative conditions.	
P-PHENYLENEDIAMINE	p- phenylenediamine	106-50-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.04%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
P-PHENYLENEDIAMINE	PPHENYLENEDIA MINE	106-50-3	Health Canada restricts the use of this ingredient to oxidative hair dyes, and it cannot be used on skin products.	Health Canada requires the following warning text on the product label/package: - 'CAUTION: This product contains ingredients that may cause skin irritation on certain individuals and a preliminary test according to accompanying directions should first be made.'; - 'This product must not be used for dying the eyelashes or eyebrows. To do so may cause blindness.'; - Instructions to the following effect accompany each package of hair dye: 'the preparation may cause serious inflammation of the skin in some persons and a preliminary test should always be carried out to determine whether or not special sensitivity exists'; and to make the test, a small area of skin behind the ear or on the inner surface of the forearm should be cleansed, using either soap and water or alcohol, and a small quantity of the hair dye as prepared for use should be applied to the area and allowed to dry. After 24 hours, the area should be washed gently with soap and water. If no irritation or inflammation is apparent, it is usually assumed that no hypersensitivity to the dye exists. The test should, however, be carried out before each application. On no account
P-PHENYLENEDIAMINE	p- phenylenediamine	106-50-3	(*) Health Canada restricts the use of this ingredient to oxidative hair dyes with a maximum concentration of 3% after dilution with an oxidizer, and it cannot be used on skin products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
P-PHENYLENEDIAMINE HCL	P- PHENYLENEDIAM INE HCL	624-18-0	The European Commission restricts this ingredient to a maximum concentration of 2% (calculated as free base) when applied to hair after mixing under oxidative conditions.	
P-PHENYLENEDIAMINE HCL	1,4- Phenylenediamine dihydrochloride	624-18-0	(*) Health Canada restricts the use of this ingredient to oxidative hair dyes with a maximum concentration of 3% after dilution with an oxidizer, and it cannot be used on skin products.	
P-PHENYLENEDIAMINE SULFATE P- PHENYLENEDIAMINE SULFATE	P- PHENYLENEDIAM INE SULFATE P- PHENYLENEDIAM INE SULFATE	16245-77-5	The European Commission restricts this ingredient to a maximum concentration of 2% (calculated as free base) when applied to hair after mixing under oxidative conditions.	
P-PHENYLENEDIAMINE SULFATE P- PHENYLENEDIAMINE SULFATE	1,4- Phenylenediamine Sulfate	16245-77-5	(*) Health Canada restricts the use of this ingredient to oxidative hair dyes with a maximum concentration of 3% after dilution with an oxidizer, and it cannot be used on skin products.	
P-PHENYLENEDIAMINE, N,N- BIS(2-HYDROXYETHYL)-, SULFATE (1:1)	N,N-BIS(2- HYDROXYETHYL)- P- PHENYLENEDIAM INE SULFATE	63886-75-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
PADIMATE O	2ETHYLHEXYLPDI METHYLAMINOBE NZOATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
PADIMATE O	2ETHYLHEXYLPDI METHYLAMINOBE NZOATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 7% in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PADIMATE O	2ETHYLHEXYLPDI METHYLAMINOBE NZOATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
PALAU WHITE CLAY EXTRACT	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
PALM (ELAEIS GUINEENSIS) OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
PALM ACID	PALM ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 17%.	
PALM KERNEL (ELAEIS GUINEENSIS) OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 23%.	
PALM KERNEL ACID	PALM KERNEL ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	
PALM KERNELAMIDE DEA	PALM KERNELAMIDE DEA	73807-15-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PALM KERNELAMIDE DEA	PALM KERNELAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
PALM KERNELAMIDE MEA	PALM KERNELAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
PALM KERNELAMIDOPROPYL BETAINE	PALM KERNELAMIDOPR OPYL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
PALM OIL PEG-8 ESTERS	Palm Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PALMAMIDE DEA	PALMAMIDE DEA		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
PALMAMIDE DEA	PALMAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
PALMAMIDE MEA	PALMAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PALMAMIDOPROPYL BETAINE	PALMAMIDOPRO PYL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
PALMITAMIDE DEA	PALMITAMIDE DEA	7545-24-6	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
PALMITAMIDE DEA	PALMITAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PALMITAMIDE MEA	PALMITAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
PALMITAMIDOPROPYL BETAINE	PALMITAMIDOPR OPYL BETAINE	32954-43-1	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
PALMITAMIDOPROPYL DIMETHYLAMINE	Palmitamidopropy I dimethylamine	39669-97-1	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
PALMITAMINE	PALMITAMINE	143-27-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PALMITIC ACID	PALMITIC ACID	57-10-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PALMITOYL GLYCINE	Palmitoyl glycine		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1%	
PALMITOYL HEXAPEPTIDE 12	Palmitoyl hexapeptide-12	171263-26-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.002%	
PALMITOYL OLIGOPEPTIDE	Palmitoyl oligopeptide		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.002%	
PALMITOYL TETRAPEPTIDE-7	Palmitoyl Tetrapeptide-7		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.0015%	
PALMITOYL TRIPEPTIDE-1	Palmitoyl tripeptide-1	147732-56-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.001%	
PALMITOYLPROLINE	palmitoyl proline		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.65%	
PAMINOBENZOICACIDANDITS ESTERS			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 4%.	
Panothenic Acid			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.0034%	
PANTHENOL	PANTHENOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PANTHENYL ETHYL ETHER	Panthenyl Ethyl Ether		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
PANTHENYL TRIACETATE	Panthenyl Triacetate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
PANTOTHENAMIDE MEA	Pantothenamide MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
PANTOTHENYLETHYLETHERB ENZOATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in products meant to be applied to the mucosa.	
PANTOTHENYLETHYLETHERB ENZOATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in leave-on products (not applied to mucosa).	
PARACHLOROMETAXYLENOL	CHLOROXYLENO L	1321-23-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
Paraffin waxes, petroleum, clay- treated	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
Pareths	Pareths		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PASSIFLORA EDULIS (PASSION FRUIT) SEED OIL	PASSIFLORA EDULIS SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
PCA	PCA	98-79-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%	
PCHLORPHENOL			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.25% in rinse-off products (not applied to mucosa).	
PCHLORPHENOL			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
PCHLORPHENOL			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.25% in leave-on products (not applied to mucosa).	
PDIMETHYLAMINOSTYRYLHEP TYLMETHYLTHIAZOLIUMIODID E			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.0015% in rinse-off products (not applied to mucosa).	
PDIMETHYLAMINOSTYRYLHEP TYLMETHYLTHIAZOLIUMIODID E			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
PDIMETHYLAMINOSTYRYLHEP TYLMETHYLTHIAZOLIUMIODID E			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.0015% in leave-on products (not applied to mucosa).	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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PEANUT OIL PEG-6 ESTERS	Peanut Oil Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEANUTAMIDE MEA	PEANUTAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
PEG distearates	Peg Distearates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG RICINOLEATE/DIMETHICONE COPOLYL	Peg Ricinoleate/dimet hicone Copolyl		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG SOYA STEROL	Peg Soya Sterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG STEARATE	PEG-90 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-75 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-7 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-6 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-55 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG STEARATE	PEG-50 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-5 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-45 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-36 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-35 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG STEARATE	PEG-32 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-30 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-3 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-25 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-23 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG STEARATE	PEG-20 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-18 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-150 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-15 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-14 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG STEARATE	Peg-120 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-12 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-100 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-10 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg-Stearates	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG STEARATE	PEG-8 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	PEG-40 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG STEARATE	Peg Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-## HYDROGENATED CASTOR OIL	Peg-## Hydrogenated Castor Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-1 GLYCERYL SORBITAN OLEOSTEARATE	Peg-1 Glyceryl Sorbitan Oleostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-1 STEARATE	Peg-1 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10	PEG-10	5579-66-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10	PEG-10		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
PEG-10 C12-18 ALKYL ETHER	Peg-10 C12-18 Alkyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 CASTOR OIL	Peg-10 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-10 COCAMINE	PEG-10 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 COCO-BENZONIUM CHLORIDE	Peg-10 Coco- Benzonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 COCOATE	Peg-10 Cocoate	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 COCONUT OIL ESTER	Peg-10 Coconut Oil Ester		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 DIMALEATE COPOLYMER	Peg-10 Dimaleate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 DIMETHICONE	PEG-10 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 DIMETHICONE	PEG-10 DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 21%.	
PEG-10 DIMETHICONE CROSSPOLYMER	Peg-10 Dimethicone Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 DIMETHICONE/ VINYL DIMETHICONE CROSSPOLYMER	Peg-10 Dimethicone/ Vinyl Dimethicone Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 DIOLEATE	Peg-10 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 GLYCERYL ISOSTEARATE	Peg-10 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 GLYCERYL OLEATE	Peg-30 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 GLYCERYL OLEATE	Peg-25 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 GLYCERYL OLEATE	Peg-20 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 GLYCERYL OLEATE	Peg-15 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-10 GLYCERYL OLEATE	Peg-10 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 GLYCERYL STEARATE	Peg-10 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 GLYCERYL TRIISOSTEARATE	Peg-10 Glyceryl Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 GLYCERYL TRISTEARATE	Peg-10 Glyceryl Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 HYDROGENATED CASTOR OIL	Peg-10 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg-10 Hydrogenated Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg-10 Hydrogenated Castor Oil Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 HYDROGENATED LANOLIN	PEG-10 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 HYDROGENATED TALLOW AMINE	Peg-10 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 ISOLAURYL THIOETHER	Peg-10 Isolauryl Thioether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-10 ISOSTEARATE	Peg-10 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 LANOLATE	Peg-10 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 LANOLIN	PEG-10 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 LAURATE	PEG-10 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 LAURATE	PEG-10 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	<u></u>

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PEG-10 METHYL ETHER DIMETHICONE	Peg-10 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 NONAFLUOROHEXYL DIMETHICONE COPOLYMER	Peg-10 Nonafluorohexyl Dimethicone Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEAMINE	Peg-6 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEAMINE	Peg-5 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEAMINE	Peg-30 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 OLEAMINE	Peg-25 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEAMINE	Peg-20 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEAMINE	Peg-15 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEAMINE	Peg-10 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-9 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 OLEATE	Peg-8 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-75 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-7 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-6 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-5 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-10 OLEATE	Peg-4 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-36 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-32 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-3 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-23 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-10 OLEATE	Peg-20 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-16 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-150 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-15 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-14 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-10 OLEATE	Peg-12 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-11 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLEATE	Peg-10 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLIVE GLYCERIDES	Peg-10 Olive Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 OLIVE OIL	Peg-10 Olive Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-10 OLIVE OIL GLYCERIDES	Peg-10 Olive Oil Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 PHYTOSTEROL	Peg-10 Phytosterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 POLYGLYCERYL-2 LAURATE	Peg-10 Polyglyceryl-2 Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 PROPYLENE GLYCOL	PEG-10 PROPYLENE GLYCOL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 RAPESEED STEROL	Peg-10 Rapeseed Sterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 SORBITAN LAURATE	PEG-10 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 SORBITAN LAURATE	PEG-10 SORBITAN LAURATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
PEG-10 SOYA STEROL	Peg-10 Soya Sterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 SOYA STEROL	PEG-10 SOY STEROL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
PEG-10 SOYAMINE	Peg-10 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 STEARAMIDE	Peg-10 Stearamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-10 STEARAMINE	Peg-50 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 STEARAMINE	Peg-5 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 STEARAMINE	Peg-2 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 STEARAMINE	Peg-15 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 STEARAMINE	Peg-10 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 STEARATE	PEG-10 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 STEARYL BENZONIUM CHLORIDE	Peg-10 Stearyl Benzonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 SUNFLOWER GLYCERIDES	Peg-2 Sunflower Glycerides	180254-52-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 SUNFLOWER GLYCERIDES	Peg-10 Sunflower Glycerides	180254-52-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TALLATE	Peg-8 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-10 TALLATE	Peg-5 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TALLATE	Peg-4 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TALLATE	Peg-20 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TALLATE	Peg-16 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TALLATE	Peg-15 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 TALLATE	Peg-14 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TALLATE	Peg-12 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TALLATE	Peg-10 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TALLOW AMINOPROPYLAMINE	Peg-10 Tallow Aminopropylamin e		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10 TRIFLUOROPROPYL DIMETHICONE COPOLYMER	Peg-10 Trifluoropropyl Dimethicone Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-10 TSUBAKIATE GLYCERIDES	Peg-10 Tsubakiate Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10/LAURYL DIMETHICONE CROSSPOLYMER	PEG-10/LAURYL DIMETHICONE CROSSPOLYMER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-10/LAURYL DIMETHICONE CROSSPOLYMER	PEG-10/LAURYL DIMETHICONE CROSSPOLYMER		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
PEG-100	PEG-100		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-100 CASTOR OIL	Peg-100 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-100 HYDROGENATED CASTOR OIL	Peg-100 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-100 ISOPROPYL MYRISTAT	Peg-100 Isopropyl Myristat		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-100 LANOLIN	PEG-100 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-100 SOYA STEROL	Peg-100 Soya Sterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-100 STEARATE	PEG-100 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-100 STEARATE	PEG-100 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	
PEG-100/IPDI COPOLYMER	Peg-100/ipdi Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-105 BEHENYL PROPYLENEDIAMINE	Peg-105 Behenyl Propylenediamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-11 AVOCADO GLYCERIDES	Peg-14 Avocado Glycerides	103819-44-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-11 AVOCADO GLYCERIDES	Peg-11 Avocado Glycerides	103819-44-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-11 BABASSU GLYCERIDES	Peg-11 Babassu Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-11 CASTOR OIL	Peg-11 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-11 COCAMIDE	Peg-11 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-11 COCOA BUTTER GLYCERIDES	Peg-11 Cocoa Butter Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-11 LAURAMIDE	Peg-11 Lauramide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-11 METHYL ETHER DIMETHICONE	Peg-11 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-11 OLEATE	Peg-11 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-11 TALLOW AMINE	Peg-11 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-114 METHYLETHER POLYEPSILON CAPRALACTONE	Peg-114 Methylether Polyepsilon Capralactone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-115M	PEG-115M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-1182 METHYL ESTER SERICIN	Peg-1182 Methyl Ester Sericin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12	PEG-12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 BEESWAX	Peg-12 Beeswax		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 CARNAUBA	Peg-12 Carnauba		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DIISOSTEARATE	Peg-12 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-12 DILAURATE	PEG-12 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DIMETHICONE	PEG-12 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DIMETHICONE COPOLYOL	Peg-12 Dimethicone Copolyol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DIMETHICONE CROSSPOLYMER	Peg-12 Dimethicone Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DIOLEATE	Peg-12 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-12 DISTEARATE	PEG-75 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DISTEARATE	PEG-6 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DISTEARATE	PEG-32 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DISTEARATE	PEG-3 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DISTEARATE	Peg-250 Distearate	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-12 DISTEARATE	PEG-20 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DISTEARATE	Peg-190 Distearate	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DISTEARATE	PEG-175 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DISTEARATE	PEG-120 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DISTEARATE	PEG-150 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-12 DISTEARATE	PEG-12 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DITALLATE	Peg-8 Ditallate	61791-01-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 DITALLATE	Peg-12 Ditallate	61791-01-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 GLYCERYL DIMYRISTATE	Peg-12 Glyceryl Dimyristate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 GLYCERYL DIOLEATE	Peg-12 Glyceryl Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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PEG-12 GLYCERYL DISTEARATE	Peg-12 Glyceryl Distearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 GLYCERYL LAURATE	Peg-30 Glyceryl Laurate	51248-32-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 GLYCERYL LAURATE	Peg-23 Glyceryl Laurate	51248-32-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 GLYCERYL LAURATE	Peg-20 Glyceryl Laurate	51248-32-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 GLYCERYL LAURATE	Peg-12 Glyceryl Laurate	51248-32-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-12 ISOSTEARATE	Peg-12 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 LANOLATE	Peg-12 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 LAURATE	PEG-12 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 LAURATE	PEG-12 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-12 METHYL ETHER LAUROXY PEG-5 AMIDOPROPYL DIMETHICONE	Peg-12 Methyl Ether Lauroxy Peg- 5 Amidopropyl Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-12 METHYL GLUCOSE DIOLEATE	Peg-12 Methyl Glucose Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 OLEATE	Peg-12 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 PALM KERNEL GLYCERIDES	Peg-12 Palm Kernel Glycerides	124046-52-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 PALMITAMINE	Peg-12 Palmitamine	68155-33-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-12 STEARATE	PEG-12 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-12 STEARATE	PEG-12 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	
PEG-12 TALLATE	Peg-12 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-120 DISTEARATE	PEG-120 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-120 ESTERS	Peg-120 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-120 GLYCERYL STEARATE	Peg-120 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-120 METHYL GLUCOSE	Peg-120 Methyl Glucose		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-120 METHYL GLUCOSE DIOLEATE	PEG-120 methyl glucose dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-120 METHYL GLUCOSE EXTRACT	Peg-120 Methyl Glucose Extract		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-120 METHYL GLUCOSE TRIOLEATE	PEG-120 methyl glucose trioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-120 PROPYLENE GLYCOL STEARATE	PEG-120 PROPYLENE GLYCOL STEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-120 STEARATE	Peg-120 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-125 COCOPOLYAMINE	Peg-125 Cocopolyamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-13 DIPHENYLOL PROPANE	Peg-13 Diphenylol Propane	9014-86-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-13 ETHYLHEXANOATE	Peg-13 Ethylhexanoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-13 HYDROGENATED TALLOW AMIDE	Peg-13 Hydrogenated Tallow Amide	68783-22-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-13 MINK GLYCERIDES	Peg-13 Mink Glycerides	103819-45-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-13 STEARATE	Peg-13 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-13 SUNFLOWER GLYCERIDES	Peg-13 Sunflower Glycerides	70377-91-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-130 GLYCERYL TALLOWATE	Peg-130 Glyceryl Tallowate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-135	PEG-135	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-14	PEG-14	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-14	PEG-14		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
PEG-14 AVOCADO GLYCERIDES	Peg-14 Avocado Glycerides	103819-44-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-14 DIMETHICONE	PEG-14 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-14 LAURATE	PEG-14 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-14 LAURATE	PEG-14 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-14 OLEATE	Peg-14 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-14 STEARATE	Peg-14 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-14 TALLATE	Peg-14 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-140 GLYCERYL TRISTEARATE	Peg-140 Glyceryl Tristearate	41080-66-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-140 STEARATE	Peg-140 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-14M	PEG-14M		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-14M	PEG-14M		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
PEG-15	Peg-15		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 BUTANEDIOL	Peg-15 Butanediol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 CASTOR OIL	Peg-15 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-15 COCAMINE	PEG-5 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 COCAMINE	PEG-3 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 COCAMINE	PEG-20 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 COCAMINE	PEG-2 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 COCAMINE	PEG-10 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-15 COCAMINE	PEG-15 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 COCAMINE OLEATE/PHOSPHATE	Peg-15 Cocamine Oleate/phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 COCOATE	PEG-15 COCOATE	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 COCOMONIUM CHLORIDE	Peg-15 Cocomonium Chloride	61791-10-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 COCOMONIUM METHOSULFATE	Peg-15 Cocomonium Methosulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-15 COCOPOLYAMINE	Peg-15 Cocopolyamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 DEDM HYDANTOIN	Peg-15 Dedm Hydantoin	68130-12-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 DEDM HYDANTOIN STEARATE	Peg-15 Dedm Hydantoin Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 DISTEARATE	Peg-15 Distearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL ISOSTEARATE	Peg-60 Glyceryl Isostearate	68958-58-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-15 GLYCERYL ISOSTEARATE	Peg-20 Glyceryl Isostearate	68958-58-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL ISOSTEARATE	Peg-15 Glyceryl Isostearate	68958-58-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL LAURATE	Peg-15 Glyceryl Laurate	57107-95-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL OLEATE	Peg-15 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL RICINOLEATE	Peg-20 Glyceryl Ricinoleate	51142-51-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-15 GLYCERYL RICINOLEATE	Peg-15 Glyceryl Ricinoleate	51142-51-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL STEARATE	Peg-15 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL TRIISOSTEARATE	Peg-15 Glyceryl Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL TRIOLEATE	Peg-15 Glyceryl Trioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 GLYCERYL TRISTEARATE	Peg-15 Glyceryl Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-15 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg-15 Hydrogenated Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg-15 Hydrogenated Castor Oil Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 HYDROGENATED LANOLIN	Peg-15 Hydrogenated Lanolin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 HYDROGENATED TALLOW AMINE	Peg-15 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 HYDROGENATED TALLOWMONIUM CHLORIDE	Peg-15 Hydrogenated Tallowmonium Chloride	68187-69-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-15 HYDROXYSTEARATE	Peg-15 Hydroxystearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 JOJOBA ACID	Peg-15 Jojoba Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 JOJOBA ALCOHOL	PEG-15 JOJOBA ALCOHOL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 LANOLATE	Peg-15 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 LAURATE	Peg-15 Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-15 OCTADECYL AMINE	Peg-15 Octadecyl Amine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 OLEAMINE	Peg-15 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 OLEAMMONIUM CHLORIDE	Peg-15 Oleammonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 OLEATE	Peg-15 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 PENTAERYTHRITYL TETRA(LAURETH-6 CARBOXYLATE)	Peg-15 Pentaerythrityl Tetra(Laureth-6 Carboxylate)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-15 PHYTOSTEROL	Peg-15 Phytosterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 SOYAMIDE/ IPDI COPOLYMER	Peg-15 Soyamide/ Ipdi Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 SOYAMINE	Peg-15 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARAMIDE	Peg-15 Stearamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARAMINE	Peg-15 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-15 STEARATE	Peg-15 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARMONIUM CHLORIDE	Peg-15 Stearmonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARYL ETHER	STEARETH-4	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARYL ETHER	STEARETH-21	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARYL ETHER	STEARETH-20	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-15 STEARYL ETHER	STEARETH-2	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARYL ETHER	STEARETH-16	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARYL ETHER	STEARETH-100	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 STEARYL ETHER	Peg-15 Stearyl Ether	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 TALLATE	Peg-15 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-15 TALLOW AMINE	Peg-15 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 TALLOW AMINOPROPYLAMINE	Peg-15 Tallow Aminopropylamin e		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15 TALLOW POLYAMINE	Peg-15 Tallow Polyamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15/ LAURYL DIMETHICONE CROSSPOLYMER	PEG-15/ LAURYL DIMETHICONE CROSSPOLYMER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-15/ LAURYL DIMETHICONE CROSSPOLYMER	PEG-15/ LAURYL DIMETHICONE CROSSPOLYMER		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-150	PEG-150	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150	PEG-150		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
PEG-150 BEHENTRIMONIUM CHLORIDE	Peg-150 Behentrimonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 DIBEHENATE	Peg-150 Dibehenate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 DILAURATE	PEG-150 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-150 DIOLEATE	Peg-150 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 DISTEARATE	PEG-150 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 LANOLIN	PEG-150 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 LAURATE	PEG-150 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 LAURATE	PEG-150 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-150 OLEATE	Peg-150 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 PENTAERYTHRITYL TETRASODIUM	Peg-150 Pentaerythrityl Tetrasodium		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 PENTAERYTHRITYL TETRASTEARATE	Peg-150 Pentaerythrityl Tetrastearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 SMDI COPOLYMER	Peg-150 Smdi Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150 STEARATE	PEG-150 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-150 STEARATE	PEG-150 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
PEG-150/ DECYL ALCOHOL/ SMDI COPOLYMER	Peg-150/ Decyl Alcohol/ Smdi Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-150/ STEARYL ALCOHOL/ SMDI COPOLYMER	Peg-150/ Stearyl Alcohol/ Smdi Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-1500	Peg-1500		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-16	PEG-16	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-16 CASTOR OIL	Peg-16 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-16 CETYL/OLEYL/STEARYL/LANIL IN ALCOHOL ETHER	Peg-16 Cetyl/oleyl/stearyl /lanilin Alcohol Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-16 DILAURATE	Peg-16 Dilaurate	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-16 HYDROGENATED CASTOR OIL	Peg-16 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-16 HYDROGENATED COTTENSEED OIL	Peg-16 Hydrogenated Cottenseed Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-16 MACADAMIA GLYCERIDES	Peg-16 Macadamia Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-16 OLEATE	Peg-16 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-16 SOY STEROL	PEG-16 SOY STEROL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-16 SOY STEROL	PEG-16 SOY STEROL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
PEG-16 TALLATE	Peg-16 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-160 SORBITAN TRIISOSTEARATE	PEG-160 SORBITAN TRIISOSTEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-160M	PEG-160M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-17 DIMETHICONE	PEG-17 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-175 DIISOSTEARATE	Peg-175 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-175 DISTEARATE	PEG-175 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-18	PEG-18	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-18 CASTOR OIL	Peg-18 Castor Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-18 CASTOR OIL DIOLEATE	Peg-18 Castor Oil Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-18 GLYCERYL OLEATE/ COCOATE	Peg-18 Glyceryl Oleate/ Cocoate	999999-19-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-18 PALM GLYCERIDES	Peg-18 Palm Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-18 PALMITATE	Peg-6 Palmitate	9004-94-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-18 PALMITATE	Peg-20 Palmitate	9004-94-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-18 PALMITATE	Peg-18 Palmitate	9004-94-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-18 SORBITAN TRIOLEATE	PEG-18 SORBITAN TRIOLEATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-18 STEARATE	Peg-18 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-180	PEG-180	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-180	PEG-180		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
PEG-180 BISPOLYLACTIDE	Peg-180 Bispolylactide	131151-09-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-180 STEARAMIDOPROPYL DIMETHYLAMINE	Peg-180 Stearamidopropyl Dimethylamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-180/LAURETH-50/TMMG COPOLYMER	Peg-180/laureth- 50/tmmg Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-180/OCTOXYNOL- 40/TMMG COPOLYMER	Peg-180/octoxynol 40/tmmg Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-180M			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.08%.	
PEG-190 DISTEARATE	Peg-190 Distearate	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-192 APRICOT KERNEL GLYCERIDES	Peg-192 Apricot Kernel Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2	Peg-2		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-2 BENZYL ETHER	Peg-2 Benzyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 CASTOR OIL	Peg-2 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 COCAMIDE	Peg-2 Cocamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 COCAMINE	PEG-2 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 COCO-BENZONIUM CHLORIDE	Peg-2 Coco- Benzonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-2 COCOMONIUM CHLORIDE	Peg-2 Cocomonium Chloride	70750-47-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 DIETHYLHEXANOATE	Peg-2 Diethylhexanoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 DIISONONANOATE	PEG-2 DIISONONANOAT E		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 DIISOSTEARATE	Peg-2 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 DILAURATE	PEG-2 DILAURATE	6281-04-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-2 DIMEADOWFOAMAMDOETHY LMONIUM METHOSULFATE	Peg-2 Dimeadowfoama mdoethylmonium Methosulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 DIMEADOWFOAMAMIDOETHY LMONIUM METHOSULFATE	Peg-2 Dimeadowfoama midoethylmonium Methosulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 DIOLEATE	Peg-2 Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 DIROSINATE	Peg-2 Dirosinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 DISTEARATE	PEG-2 DISTEARATE	109-30-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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PEG-2 HYDROGENATED CASTOR OIL	Peg-2 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 HYDROGENATED TALLOW AMINE	Peg-2 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 ISOSTEARATE	Peg-2 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 LAURAMIDE	Peg-2 Lauramide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 LAURAMINE	Peg-2 Lauramine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-2 LAURATE	PEG-2 LAURATE	141-20-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 LAURATE	PEG-2 LAURATE	141-20-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-2 LAURATE SE	PEG-2 LAURATE SE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 LAURATE SE	PEG-2 LAURATE SE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-2 MILK SOLIDS	Peg-2 Milk Solids		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 MYRISTYL ETHER PROPIONATE	Peg-2 Myristyl Ether Propionate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-2 OLEAMINE	Peg-2 Oleamine	25307-17-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 OLEAMINE HYDROFLUORIDE	PEG-2 OLEAMINE HYDROFLUORIDE	207916-33-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 OLEAMMONIUM CHLORIDE	Peg-2 Oleammonium Chloride	18448-65-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 OLEAMONIUM CHLORIDE	Peg-2 Oleamonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 OLEATE	Peg-2 Oleate	106-12-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-2 OLEATE SE	Peg-2 Oleate Se		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 OLIVE GLYCERIDES	Peg-2 Olive Glycerides	103819-46-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 PALMITAMIDE	Peg-2 Palmitamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 RAPESEEDAMINE	Peg-2 Rapeseedamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 RICINOLEATE	Peg-2 Ricinoleate	5401-17-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-2 SORBITAN ISOSTEARATE	PEG-5 SORBITAN ISOSTEARATE	66794-58-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 SORBITAN ISOSTEARATE	PEG-2 SORBITAN ISOSTEARATE	66794-58-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 SORBITAN TRIOLEATE	Peg-2 Sorbitan Trioleate	9005-70-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 SOYAMINE	Peg-2 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 STEARAMIDE CARBOXYLIC ACID	Peg-9 Stearamide Carboxylic Acid	90453-59-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-2 STEARAMIDE CARBOXYLIC ACID	Peg-2 Stearamide Carboxylic Acid	90453-59-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 STEARAMINE	Peg-2 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 STEARATE	PEG-2 STEARATE	106-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 STEARATE	PEG-2 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	
PEG-2 STEARATE SE	Peg-2 Stearate Se		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-2 STEARMONIUM CHLORIDE	Peg-2 Stearmonium Chloride	60687-87-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 SUNFLOWER GLYCERIDES	Peg-2 Sunflower Glycerides	180254-52-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 TALLOW AMINE	Peg-2 Tallow Amine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2 TALLOWAMIDE DEA	Peg-2 Tallowamide Dea		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20	PEG-20	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 ALMOND GLYCERIDES	Peg-20 Almond Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 BEESWAX	Peg-20 Beeswax		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 CARAUBA WAX	Peg-20 Carauba Wax		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 CARBOMER	Peg-20 Carbomer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 CASTOR OIL	Peg-20 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-20 CETEARYL ALCOHOL	Peg-20 Cetearyl Alcohol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 COCAMIDE	Peg-20 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 COCAMIDE MEA	Peg-20 Cocamide Mea		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 COCAMINE	PEG-20 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 CORN GLYCERIDES	Peg-20 Corn Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-20 DILAURATE	PEG-20 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 DIOLEATE	Peg-20 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 DIRICINOLEATE	Peg-20 Diricinoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 DISTEARATE	PEG-20 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 ESTERS	Peg-20 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 EVENING PRIMROSE GLYCERIDES	Peg-20 Evening Primrose Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 GLYCERIDES	Peg-20 Glycerides	999999-82-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 GLYCERYL ISOSTEARATE	Peg-20 Glyceryl Isostearate	68958-58-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 GLYCERYL LAURATE	Peg-20 Glyceryl Laurate	51248-32-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 GLYCERYL MONOSTEARATE	Peg-20 Glyceryl Monostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-20 GLYCERYL OLEATE	Peg-20 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 GLYCERYL RICINOLEATE	Peg-20 Glyceryl Ricinoleate	51142-51-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 GLYCERYL STEARATE	Peg-20 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 GLYCERYL TRIISOSTEARATE	Peg-20 Glyceryl Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 GLYCERYL TRISTEARATE	Peg-20 Glyceryl Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 HEXADECENYLSUCCINATE	Peg-20 Hexadecenylsucci nate	178254-04-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED CASTOR OIL	Peg-20 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg-20 Hydrogenated Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED CASTOR OIL LAURATE	Peg-20 Hydrogenated Castor Oil Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED CASTOR OIL PCA ISOSTEARATE	Peg-20 Hydrogenated Castor Oil Pca Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg-20 Hydrogenated Castor Oil Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED LANOLIN	PEG-70 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED LANOLIN	PEG-5 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED LANOLIN	PEG-30 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED LANOLIN	PEG-24 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 HYDROGENATED LANOLIN	PEG-10 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED LANOLIN	PEG-20 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED LANOLIN	PEG-20 HYDROGENATED LANOLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
PEG-20 HYDROGENATED PALM GLYCERIDES	Peg-20 Hydrogenated Palm Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 HYDROGENATED TALLOW AMINE	Peg-20 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-20 ISOSTEARATE	Peg-20 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 LANOLATE	Peg-20 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 LANOLIN	PEG-20 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 LAURATE	PEG-20 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 LAURATE	PEG-20 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 MANNITAN LAURATE	Peg-20 Mannitan Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 METHYL GLUCETH-20 SESQUISTEARATE	Peg-20 Methyl Gluceth-20 Sesquistearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 METHYL GLUCOSE	Peg-20 Methyl Glucose		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 METHYL GLUCOSE DIOLEATE	Peg-20 Methyl Glucose Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 METHYL GLUCOSE DISTEARATE	PEG-20 methyl glucose distearate	119831-19-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 METHYL GLUCOSE SESQUICAPRYLATE/SESQUICA PRATE	PEG-20 methyl glucose sesquicaprylate/s esquicaprate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 METHYL GLUCOSE SESQUILAURATE	PEG-20 methyl glucose sesquilaurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 METHYL GLUCOSE SESQUISTEARATE	PEG-20 methyl glucose sesquistearate	68389-70-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 MYRISTATE	Peg-20 Myristate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 OLEAMINE	Peg-20 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 OLEATE	Peg-20 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 PALMITATE	Peg-20 Palmitate	9004-94-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 PHYTOSTEROL	Peg-20 Phytosterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 SORBITAN BEESWAX	PEG-20 SORBITAN BEESWAX	8051-73-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 SORBITAN BEESWAX	PEG-20 SORBITAN BEESWAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%. Additionally, CIR has restricted its use in products meant to be applied on damaged skin if the ingredient is formulated with PEG-6, PEG-20 or PEG- 75.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 SORBITAN COCOATE	PEG-20 SORBITAN COCOATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 SORBITAN ISOSTEARATE	PEG-20 SORBITAN ISOSTEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 SORBITAN LANOLATE	Peg-20 Sorbitan Lanolate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 SORBITAN OLEATE	Peg-20 Sorbitan Oleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 SORBITAN TETRAOLEATE	PEG-20 SORBITAN TETRAOLEATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 SORBITAN TRIISOSTEARATE	PEG-20 SORBITAN TRIISOSTEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 SOY STEROL	Peg-20 Soy Sterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 STEARATE	PEG-20 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 STEARATE	PEG-20 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	
PEG-20 TALLATE	Peg-20 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-20 TALLOW AMINE	Peg-20 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 TALLOW AMMONIUM ETHOSULFATE	Peg-20 Tallow Ammonium Ethosulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 TALLOWATE	Peg-20 Tallowate	68153-64-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20 TSUBAKIATE GLYCERIDES	Peg-20 Tsubakiate Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20-PPG-10 GLYCERYL STEARATE	Peg-20-Ppg-10 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-200	PEG-200		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 CASTOR OIL	Peg-200 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 GLYCERYL STEARATE	Peg-200 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 GLYCERYL TALLOWATE	Peg-200 Glyceryl Tallowate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 HYDROGENATED CASTOR OIL	Peg-200 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-200 HYDROGENATED GLYCERYL	Peg-200 Hydrogenated Glyceryl		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 HYDROGENATED GLYCERYL PALMATE	Peg-200 Hydrogenated Glyceryl Palmate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 HYDROGENATED GLYCERYL PALMITATE	Peg-200 Hydrogenated Glyceryl Palmitate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 LAURATE	PEG-200 LAURATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 LAURATE	PEG-200 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-200 METHYLGLUCOSE DIOLEATE	Peg-200 Methylglucose Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 TALLOWATE	Peg-200 Tallowate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-200 TRIHYDROXYSTEARIN	Peg-200 Trihydroxystearin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20M	PEG-20M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-20M	PEG-20M		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-22 TALLOW AMINE	Peg-22 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-22/DODECYL GLYCOL COPOLYMER	Peg-22/dodecyl Glycol Copolymer	78336-31-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-220	PEG-220	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-220	PEG-220		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	
PEG-23 GLYCERYL DISTEARATE	Peg-23 Glyceryl Distearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-23 GLYCERYL LAURATE	Peg-23 Glyceryl Laurate	51248-32-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-23 HEXADECYLEICOSANOATE	Peg-23 Hexadecyleicosan oate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-23 OCTYLDODECANOATE	Peg-23 Octyldodecanoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-23 OLEATE	Peg-23 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-23 OLIVATE	Peg-23 Olivate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-23 STEARATE	Peg-23 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-23M	PEG-23M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-23M	PEG-23M		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.05%.	
PEG-24 GLYCERYL STEARATE	Peg-24 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-24 HYDROGENATED LANOLIN	PEG-24 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-24 HYDROGENATED LANOLIN	PEG-24 HYDROGENATED LANOLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-24 LANOLIN	PEG-24 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-240	PEG-240	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-240	PEG-240		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
PEG-240/HDI COPOLYMER BIS- DECYLTETRADECETH-20 ETHER	Peg-240/hdi Copolymer Bis- Decyltetradeceth- 20 Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 CASTOR OIL	Peg-25 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-25 DIETHYLMONIUM CHLORIDE	Peg-25 Diethylmonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 GLYCERYL ISOSTEARATE	Peg-25 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 GLYCERYL OLEATE	Peg-25 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 GLYCERYL STEARATE	Peg-25 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 GLYCERYL TRIOLEATE	Peg-25 Glyceryl Trioleate	68958-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-25 HYDROGENATED CASTOR OIL	Peg-25 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 LANOLIN	PEG-25 LANOLIN		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 METHYL GLUCOSE ETHER	Peg-25 Methyl Glucose Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 MORINGA GLYCERIDES	Peg-25 Moringa Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 OLEAMINE	Peg-25 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-25 PABA	PEG-25 PABA	113010-52-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 PHYTOSTEROL	Peg-25 Phytosterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 PROPYLENE GLYCOL STEARATE	PEG-25 PROPYLENE GLYCOL STEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 PROPYLENE GLYCOL STEARATE	PEG-25 PROPYLENE GLYCOL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
PEG-25 SOY STEROL	PEG-25 SOY STEROL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 SOY STEROL	PEG-25 SOY STEROL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-25 STEARATE	Peg-25 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 TALLOW AMINE	Peg-25 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-25 TALLOW ETHER	Peg-25 Tallow Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-250	Peg-250		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-250 DISTEARATE	Peg-250 Distearate	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-25M	PEG-25M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-26 CASTOR OIL	Peg-26 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-26 JOJOBA ACID	Peg-26 Jojoba Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-26 JOJOBA ALCOHOL	PEG-26 JOJOBA ALCOHOL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-26-PPG-30 PHOSPHATE	Peg-26-Ppg-30 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-27 LANOLIN	PEG-27 LANOLIN	8051-81-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-27 LANOLIN ALCOHOL	Peg-27 Lanolin Alcohol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-28 GLYCERYL TALLOWATE	Peg-28 Glyceryl Tallowate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-29 CASTOR OIL	Peg-29 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-2M	PEG-2M		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-2M	PEG-2M		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
PEG-3 2,2'-DI-P- PHENYLENEDIAMINE	PEG-3 2,2'-Di-p- Phenylenediamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 BUTYLENE GLYCOL LAURATE	Peg-3 Butylene Glycol Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 CASTOR OIL	Peg-3 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 COCAMIDE	Peg-3 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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PEG-3 COCAMIDE DEA	Peg-3 Cocamide Dea		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 COCAMINE	PEG-3 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DICAPRYLATE/CAPRATE	Peg-3 Dicaprylate/capra te		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DIETHYLENETRIAMINE DIPALMAMIDE	Peg-3 Diethylenetriamin e Dipalmamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DIISOSTEARATE	Peg-3 Diisostearate	5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-3 DIMETHICONE	PEG-3 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DIOLEATE	Peg-3 Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DIOLEOYLAMIDOETHYLMONI UM METHOSULFATE	Peg-3 Dioleoylamidoethy Imonium Methosulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DIPALMITATE	Peg-3 Dipalmitate	32628-06-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DIROSINATE	Peg-3 Dirosinate	8050-25-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-3 DISOYOYLAMIDOETHYLMONI UM METHOSULFATE	Peg-3 Disoyoylamidoeth ylmonium Methosulfate	68605-27-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DISTEARATE	PEG-3 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 DISTEAROYLAMIDOETHYLMO NIUM METHOSULFATE	Peg-3 Distearoylamidoet hylmonium Methosulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 GLYCERYL COCOATE	Peg-3 Glyceryl Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 GLYCERYL DISTEARATE	Peg-3 Glyceryl Distearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-3 GLYCERYL ISOSTEARATE	Peg-3 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 GLYCERYL TRIISOSTEARATE	Peg-3 Glyceryl Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 GLYCERYL TRISTEARATE	Peg-3 Glyceryl Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 ISOSTEARATE	Peg-3 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 LANOLATE	Peg-3 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-3 LAURAMIDE	Peg-3 Lauramide	26635-75-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 LAURAMINE OXIDE	Peg-3 Lauramine Oxide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 METHYL ETHER	PEG-3 METHYL ETHER	112-35-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 OLEAMIDE	Peg-3 Oleamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 OLEATE	Peg-3 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-3 PPG-20 SUCCINATE	Peg-3 Ppg-20 Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 RAPESEED AMINOPROPYLAMINE	Peg-3 Rapeseed Aminopropylamin e		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 SORBITAN OLEATE	PEG-3 SORBITAN OLEATE	9005-65-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 SORBITAN STEARATE	PEG-3 SORBITAN STEARATE	9005-67-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 SORBITAN TRISTEARATE	Peg-3 Sorbitan Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-3 STEARATE	Peg-3 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 TALLOW AMINOPROPYLAMINE	Peg-3 Tallow Aminopropylamin e	90367-27-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 TALLOW PROPYLENEDIMONIUM DIMETHOSULFATE	Peg-3 Tallow Propylenedimoniu m Dimethosulfate	93572-63-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 TRIMETHYLOLPROPANE TRIISOSTEARATE	Peg-3 Trimethylolpropan e Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3 TRIMETHYLOLPROPANE TRISTEARATE	Peg-3 Trimethylolpropan e Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-3-BUTETH-5	Peg-3-Buteth-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3/PPG-2 GLYCERYL/SORBITOL HYDROXYSTEARATE/ISOSTEA RATE	Peg-3/ppg-2 Glyceryl/sorbitol Hydroxystearate/i sostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30	Peg-30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 CASTOR OIL	PEG-30 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 DIPOLYHYDROXYSTEARATE	Peg-30 Dipolyhydroxystea rate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-30 GLYCERYL COCOATE	PEG-30 GLYCERYL COCOATE	68201-46-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 GLYCERYL ISOSTEARATE	Peg-30 Glyceryl Isostearate	689-58-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 GLYCERYL LAURATE	Peg-30 Glyceryl Laurate	51248-32-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 GLYCERYL OLEATE	Peg-30 Glyceryl Oleate	68889-49-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 GLYCERYL STEARATE	Peg-30 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-30 GLYCERYL SULFATE	Peg-30 Glyceryl Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 GLYCERYL TRIISOSTEARATE	Peg-30 Glyceryl Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 HYDROGENATED CASTOR OIL	PEG-30 HYDROGENATED CASTOR OIL	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg-30 Hydrogenated Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 HYDROGENATED CASTOR OIL LAURATE	Peg-30 Hydrogenated Castor Oil Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-30 HYDROGENATED CASTOR OIL PCA ISOSTEARATE	Peg-30 Hydrogenated Castor Oil Pca Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg-30 Hydrogenated Castor Oil Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 HYDROGENATED LANOLIN	PEG-30 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 HYDROGENATED TALLOW AMINE	Peg-30 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 ISOSTEARATE	Peg-30 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-30 JOJOBA OIL	Peg-30 Jojoba Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 LANOLIN	PEG-30 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 LANOLIN	PEG-30 LANOLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
PEG-30 OLEAMINE	Peg-30 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 PHYTOSTEROL	Peg-30 Phytosterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-30 POLYHYDROXYSTEARATE	Peg-30 Polyhydroxysteara te		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 SORBITAN BEESWAX	Peg-30 Sorbitan Beeswax		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 SORBITAN TETRAOLEATE	PEG-30 SORBITAN TETRAOLEATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 SOY STEROL	PEG-30 SOY STEROL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-30 STEARATE	PEG-30 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-30 TALLOW AMINE	Peg-30 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-300	Peg-300		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32	PEG-32		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32	PEG-32		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
PEG-32 DILAURATE	PEG-32 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-32 DIOLEATE	Peg-32 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32 DISTEARATE	PEG-32 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32 LAURATE	PEG-32 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32 LAURATE	PEG-32 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-32 METHYL ETHER DIMETHICONE	Peg-32 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-32 OLEATE	Peg-32 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32 PVP	Peg-32 Pvp		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32 SODIUM CHLORIDE	Peg-32 Sodium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32 STEARATE	PEG-32 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-32 STEARATE	PEG-32 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-33	PEG-33		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-33 CASTOR OIL	PEG-33 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-3350	Peg-3350		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-35 ALMOND GLYCERIDES	Peg-35 Almond Glycerides	124046-50-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-35 CASTOR OIL	PEG-35 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-35 HYDROGENATED CASTOR OIL	Peg-35 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-35 LANOLIN	PEG-35 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-35 SOY GLYCERIDES	Peg-35 Soy Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-35 STEARATE	Peg-35 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-350	PEG-350	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-350	PEG-350		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
PEG-36 CASTOR OIL	PEG-36 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-36 OLEATE	Peg-36 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-36 STEARATE	Peg-36 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4	PEG-4		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-4 CAPRYLIC/CAPRIC GLYCERIDES	Peg-4 Caprylic/capric Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 CASTOR OIL	PEG-4 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 COCAMIDE	Peg-4 Cocamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 DIHEPTANOATE	Peg-4 Diheptanoate	70729-68-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 DIISOSTEARATE	Peg-4 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-4 DILAURATE	PEG-4 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 DIMETHACRYLATE	PEG-4 DIMETHACRYLAT E	109-17-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 DIOLEATE	Peg-4 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 DISTEARATE	PEG-4 DISTEARATE	142-20-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 DISTEARYL ETHER	PEG-4 DISTEARYL ETHER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-4 DISTEARYLETHONIUM ETHOSULFATE	Peg-4 Distearylethonium Ethosulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 DITALLOW ETHER	PEG-4 DITALLOW ETHER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 ETHYLHEXANOATE	Peg-4 Ethylhexanoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 GLYCERYL DISTEARATE	Peg-4 Glyceryl Distearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 GLYCERYL TRISTEARATE	Peg-4 Glyceryl Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-4 ISOSTEARATE	Peg-4 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 LANOLATE	Peg-4 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 LAURATE	PEG-4 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 LAURATE	PEG-4 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-4 METHYL ETHER	PEG-4 METHYL ETHER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-4 MONTANATE	Peg-4 Montanate	68476-04-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 OLEAMIDE	Peg-4 Oleamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 OLEATE	Peg-4 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 OLIVATE	Peg-4 Olivate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 POLYGLYCERYL-2 DISTEARATE	Peg-4 Polyglyceryl-2 Distearate	72828-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-4 POLYGLYCERYL-2 STEARATE	Peg-4 Polyglyceryl-2 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 PROLINE LINOLEATE	Peg-4 Proline Linoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 PROLINE LINOLENATE	Peg-4 Proline Linolenate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 RAPESEEDAMIDE	PEG-4 RAPESEEDAMIDE	85536-23-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 SORBITAN LAURATE	Peg-4 Sorbitan Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-4 SORBITAN STEARATE	Peg-4 Sorbitan Stearate	9005-67-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 SORBITAN TRIISOSTEARATE	Peg-4 Sorbitan Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 STEARAMIDE	Peg-4 Stearamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 STEARATE	Peg-4 Stearate	106-07-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 TALLATE	Peg-4 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-4 TRIETHANOLAMINE	Peg-4 Triethanolamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 TRIFLUOROPROPYL DIMETHICONE COPOLYMER	Peg-4 Trifluoropropyl Dimethicone Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4 TRIMETHYLOLPROPANE DISTEARATE	Peg-4 Trimethylolpropan e Distearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-4-PPG-7 C13/C15 ALCOHOL	PEG-4-PPG-7 C13/C15 Alcohol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40	PEG-40	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-40	PEG-40		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
PEG-40 ALMOND GLYCERIDES	Peg-40 Almond Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 BUTYLOCTANOL WHEAT GERM ESTERS	Peg-40 Butyloctanol Wheat Germ Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 CASTOR OIL	PEG-40 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 GLYCERYL COCOATE	PEG-40 GLYCERYL COCOATE	68201-46-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-40 GLYCERYL ISOSTEARATE	Peg-40 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 GLYCERYL STEARATE	Peg-40 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 GLYCERYL TRIISOSTEARATE	Peg-40 Glyceryl Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 HYDROGENATED CASTOR EXTRACT	Peg-40 Hydrogenated Castor Extract		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 Hydrogenated Castor Oil		61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-40 HYDROGENATED CASTOR OIL	Peg-60 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg-40 Hydrogenated Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 HYDROGENATED CASTOR OIL LAURATE	Peg-40 Hydrogenated Castor Oil Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 HYDROGENATED CASTOR OIL PCA ISOSTEARATE	Peg-40 Hydrogenated Castor Oil Pca Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg-40 Hydrogenated Castor Oil Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-40 HYDROGENATED LANOLIN	Peg-40 Hydrogenated Lanolin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 HYDROGENATED TALLOW AMINE	Peg-40 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 ISOSTEARATE	Peg-40 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 JOJOBA ACID	Peg-40 Jojoba Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 JOJOBA ALCOHOL	PEG-40 JOJOBA ALCOHOL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-40 LANOLIN	PEG-85 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-60 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-55 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-50 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-5 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-40 LANOLIN	PEG-35 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-30 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-24 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-20 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-150 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-40 LANOLIN	PEG-100 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-10 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-40 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 LANOLIN	PEG-40 LANOLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.25%.	
PEG-40 OLIVE GLYCERIDES	Peg-40 Olive Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-40 RICINOLEAMIDE	Peg-40 Ricinoleamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 SORBITAN DIISOSTEARATE	PEG-40 SORBITAN DIISOSTEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 SORBITAN GLYCOL	Peg-40 Sorbitan Glycol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 SORBITAN LANOLATE	PEG-40 SORBITAN LANOLATE	8036-77-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 SORBITAN LAURATE	PEG-40 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-40 SORBITAN OLEATE	Peg-40 Sorbitan Oleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 SORBITAN PERISOSTEARATE	PEG-40 SORBITAN PERISOSTEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 SORBITAN PEROLEATE	Peg-40 Sorbitan Peroleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 SORBITAN STEARATE	PEG-40 SORBITAN STEARATE	9005-67-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 SORBITAN TETRAOLEATE	PEG-40 SORBITAN TETRAOLEATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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PEG-40 SORIBTAN PEROLEATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-40 SOY STEROL	PEG-40 SOY STEROL		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 STEARATE	PEG-40 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-40 STEARATE	PEG-40 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	
PEG-40/DODECYL GLYCOL COPOLYMER	Peg-40/dodecyl Glycol Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-400	PEG-9M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-90M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-90	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-800	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-75	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-400	PEG-65M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-60	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-55	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-500	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-45M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-400	PEG-45	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-40	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-350	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-25M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-240	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-400	PEG-23M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-220	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-20M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-20	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-180	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-400	PEG-18	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-160M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-16	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-150	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-14	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-400	PEG-135	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-115M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	Polyethylene Glycol	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	Peg-Xx	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400	PEG-400	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-400	PEG-400		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
PEG-400 DIOLEATE	Peg-400 Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-400 LAURATE	Peg-400 Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-42 BABASSU GLYCERIDES	Peg-42 Babassu Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-42 MUSHROOM GLYCERIDES	Peg-42 Mushroom Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-44 CASTOR OIL	Peg-44 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-44 SORBITAN LAURATE	PEG-44 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-45	PEG-45	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-45 HYDROGENATED CASTOR OIL	Peg-45 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-45 PALM KERNEL GLYCERIDES	Peg-12 Palm Kernel Glycerides	124046-52-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-45 PALM KERNEL GLYCERIDES	Peg-45 Palm Kernel Glycerides	124046-52-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-45 SAFFLOWER GLYCERIDES	Peg-45 Safflower Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-45 STEARATE	Peg-45 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-45 STEARATE PHOSPHATE	Peg-45 Stearate Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-45/ DODECYL GLYCOL COPOLYMER	Peg-22/dodecyl Glycol Copolymer	78336-31-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-45/ DODECYL GLYCOL COPOLYMER	Peg-45/ Dodecyl Glycol Copolymer	78336-31-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-450	PEG-450		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-450	PEG-450		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
PEG-45M	PEG-45M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-45M	PEG-45M		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	
PEG-5 CASTOR OIL	Peg-5 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 CETETH-10 PHOSPHATE	Peg-5 Ceteth-10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 COCAMIDE	Peg-7 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 COCAMIDE	Peg-6 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 COCAMIDE	Peg-3 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 COCAMIDE	Peg-20 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 COCAMIDE	Peg-11 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 COCAMIDE	PEG-5 COCAMIDE	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 COCAMINE	PEG-5 COCAMINE	61791-14-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 COCOATE	Peg-5 Cocoate	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 COCOMONIUM METHOSULFATE	Peg-5 Cocomonium Methosulfate	68989-03-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 DEDM HYDANTOIN	Peg-5 Dedm Hydantoin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 DEDM HYDANTOIN OLEATE	Peg-5 Dedm Hydantoin Oleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 DITRIDECYLMONIUM CHLORIDE	Peg-5 Ditridecylmonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 ETHYLHEXANOATE	Peg-5 Ethylhexanoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 GLYCERYL ISOSTEARATE	Peg-5 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 GLYCERYL OLEATE	Peg-5 Glyceryl Oleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 GLYCERYL SESQUIOLEATE	Peg-5 Glyceryl Sesquioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 GLYCERYL STEARATE	Peg-5 Glyceryl Stearate	51158-08-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 GLYCERYL TRIISOSTEARATE	Peg-5 Glyceryl Triisostearate	86846-21-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 GLYCERYL TRISTEARATE	Peg-5 Glyceryl Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 HYDROGENATED CASTOR OIL	Peg-5 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg-5 Hydrogenated Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg-5 Hydrogenated Castor Oil Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 HYDROGENATED CORN GLYCERIDES	Peg-5 Hydrogenated Corn Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 HYDROGENATED LANOLIN	PEG-5 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 HYDROGENATED TALLOW AMINE	Peg-5 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 ISODECYLOXYPROPYLAMINE	Peg-5 Isodecyloxypropyl amine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 ISONONANOATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
PEG-5 LANOLATE	Peg-8 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLATE	Peg-7 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-5 LANOLATE	Peg-6 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLATE	Peg-4 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLATE	Peg-3 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLATE	Peg-20 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLATE	Peg-15 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-5 LANOLATE	Peg-12 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLATE	Peg-10 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLATE	Peg-5 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLIN	PEG-5 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 LANOLINAMIDE	Peg-5 Lanolinamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 LAURAMIDE	Peg-5 Lauramide	26635-75-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 OLEAMIDE	Peg-5 Oleamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 OLEAMIDE DIOLEATE	Peg-5 Oleamide Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 OLEAMINE	Peg-5 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 OLEAMMONIUM METHOSULFATE	Peg-5 Oleammonium Methosulfate	64611-81-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 OLEATE	Peg-5 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 PENTAERYTHRITYL ETHER	Peg-5 Pentaerythrityl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 PHYTOSTEROL	Peg-5 Phytosterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 RAPESEED STEROL	Peg-5 Rapeseed Sterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 SORBITAN ISOSTEARATE	PEG-5 SORBITAN ISOSTEARATE	66794-58-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 SORBITAN OLEATE	Peg-5 Sorbitan Oleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 SOYA STEROL	Peg-5 Soya Sterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 SOYA STEROL	PEG-5 SOY STEROL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
PEG-5 SOYAMINE	Peg-8 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 SOYAMINE	Peg-2 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 SOYAMINE	Peg-15 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 SOYAMINE	Peg-10 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 SOYAMINE	Peg-5 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 STEARAMINE	Peg-5 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 STEARATE	PEG-5 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 STEARYL AMMONIUM CHLORIDE	Peg-5 Stearyl Ammonium Chloride	80238-02-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 STEARYL AMMONIUM LACTATE	Peg-5 Stearyl Ammonium Lactate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 STEARYL STEARATE	Peg-5 Stearyl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TALL OIL STEROL	Peg-5 Tall Oil Sterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TALLATE	Peg-5 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 TALLOW AMIDE	Peg-5 Tallow Amide	8051-61-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TALLOW BENZONIUM CHLORIDE	Peg-5 Tallow Benzonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TRICAPRYL CITRATE	Peg-5 Tricapryl Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TRICETYL CITRATE	Peg-5 Tricetyl Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TRILAURYL CITRATE	Peg-5 Trilauryl Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5 TRIMETHYLOLPROPANE TRIMYRISTATE	Peg-5 Trimethylolpropan e Trimyristate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TRIMYRISTYL CITRATE	Peg-5 Trimyristyl Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TRISTEARYL CITRATE	Peg-5 Tristearyl Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 TSUBAKIATE GLYCERIDES	Peg-5 Tsubakiate Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5 UNDECYLENATE P- HYDROXYBENZOATE	Peg-5 Undecylenate P- Hydroxybenzoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-5-CETETH-20	Peg-5-Ceteth-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 CASTOR OIL	Peg-50 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 DISTEARATE	PEG-50 DISTEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 GLYCERYL ISOSTEARATE	Peg-50 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 GLYCERYL TRIISOSTEARATE	Peg-50 Glyceryl Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-50 HYDROGENATED CASTOR OIL	Peg-50 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg-50 Hydrogenated Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 HYDROGENATED CASTOR OIL LAURATE	Peg-50 Hydrogenated Castor Oil Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	Peg-50 Hydrogenated Castor Oil Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg-50 Hydrogenated Castor Oil Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-50 HYDROGENATED PALMAMIDE	Peg-50 Hydrogenated Palmamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 HYDROGENATED TALLOW AMINE	Peg-50 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 LANOLIN	PEG-50 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 SHEA BUTTER	Peg-50 Shea Butter		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 STEARAMIDE	Peg-50 Stearamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-50 STEARAMINE	Peg-50 Stearamine	9003-93-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 STEARATE	PEG-50 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-50 STEARATE	PEG-50 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	
PEG-50 TALLOW AMIDE	Peg-50 Tallow Amide	68155-24-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-500	PEG-500	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-54 CASTOR OIL	Peg-54 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-54 HYDROGENATED CASTOR OIL	Peg-54 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-55	PEG-55	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-55 CASTOR OIL	Peg-55 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-55 HYDROGENATED CASTOR OIL	Peg-55 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-55 LANOLIN	PEG-55 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-55 PROPYLENE GLYCOL DIOLEATE	Peg-55 Propylene Glycol Dioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-55 PROPYLENE GLYCOL OLEATE	PEG-55 PROPYLENE GLYCOL OLEATE	86481-08-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-55 PROPYLENE GLYCOL OLEATE	PEG-55 PROPYLENE GLYCOL OLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
PEG-55 STEARATE	PEG-55 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-58 HYDROGENATED CASTOR OIL ISOSTEARATE	Peg-58 Hydrogenated Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5M	PEG-5M		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-5M	PEG-5M		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.01%.	
PEG-6	PEG-6	2615-15-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 ALMOND GLYCERIDES	Peg-6 Almond Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6 BEESWAX	Peg-6 Beeswax		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 BUTYLENE GLYCOL LAURATE	Peg-6 Butylene Glycol Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 CAPRYLATE/CAPRATE	Peg-6 Caprylate/caprate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 CAPRYLIC GLYCERIDES	Peg-6 Caprylic Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 CAPRYLIC/ CAPRIC GLYCERIDE	Peg-6 Caprylic/ Capric Glyceride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6 CAPRYLIC/CAPRIC GLYCERIDES	Peg-6 Caprylic/capric Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 COCAMIDE	Peg-6 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 COCAMIDE PHOSPHATE	Peg-6 Cocamide Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 DIISOSTEARATE	Peg-6 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 DILAURATE	PEG-6 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6 DIMETHICONE	Peg-6 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 DIOLEATE	Peg-6 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 DISTEARATE	PEG-6 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 ESTERS	Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 GLYCERYL CAPRATE	Peg-6 Glyceryl Caprate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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PEG-6 GLYCERYL ISOSTEARATE	Peg-6 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 GLYCERYL TRISTEARATE	Peg-6 Glyceryl Tristearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 HYDROGENATED CASTOR OIL	Peg-6 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 HYDROGENATED PALM OIL	Peg-6 Hydrogenated Palm Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 HYDROGENATED PALM/PALM KERNEL GLYCERIDE	Peg-6 Hydrogenated Palm/palm Kernel Glyceride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-6 HYDROGENATED PALMAMIDE	Peg-6 Hydrogenated Palmamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 ISOLAURYL THIOETHER	Peg-6 Isolauryl Thioether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 ISOPALMITATE	Peg-6 Isopalmitate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 ISOSTEARATE	Peg-8 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 ISOSTEARATE	Peg-4 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6 ISOSTEARATE	Peg-12 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 ISOSTEARATE	Peg-10 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 ISOSTEARATE	Peg-6 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 LANOLATE	Peg-6 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 LAURAMIDE	Peg-5 Lauramide	26635-75-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-6 LAURAMIDE	Peg-3 Lauramide	26635-75-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 LAURAMIDE	Peg-6 Lauramide	26635-75-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 LAURATE	PEG-6 LAURATE	2370-64-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 LAURATE	PEG-6 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-6 LAURATE/TARTRATE	Peg-6 Laurate/tartrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6 METHICONE ACETATE	Peg-6 Methicone Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 METHYL ETHER	METHOXY PEG-7	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 METHYL ETHER	METHOXY PEG- 40	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 METHYL ETHER	METHOXY PEG-25	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 METHYL ETHER	METHOXY PEG-16	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-6 METHYL ETHER	METHOXY PEG- 100	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 METHYL ETHER	METHOXY PEG-10	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 METHYL ETHER	PEG-6 METHYL ETHER	9004-74-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 METHYL ETHER DIMETHICONE	Peg-6 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 OLEAMIDE	Peg-6 Oleamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6 OLEAMINE	Peg-6 Oleamine	26635-93-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 OLEATE	Peg-6 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 OLIVE GLYCERIDES	Peg-6 Olive Glycerides	103819-46-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 PALMITATE	Peg-6 Palmitate	9004-94-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 PROPYLENE GLYCOL CAPRYLATE/CAPRATE	Peg-6 Propylene Glycol Caprylate/caprate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6 SORBITAN OLEATE	PEG-6 SORBITAN OLEATE	9005-65-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 SORBITAN STEARATE	PEG-6 SORBITAN STEARATE	9005-67-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 SORBITOL	Peg-6 Sorbitol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 STEARATE	PEG-6 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 STEARATE	PEG-6 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6 STEARYLGUANIDINE	Peg-6 Stearylguanidine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6 UNDECYLENATE	Peg-6 Undecylenate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6-32	Peg-6-32		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6-32 GLYCERETH-26	Peg-6-32 Glycereth-26		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6-32 PROPYLENE GLYCOL	Peg-6-32 Propylene Glycol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-6-32 STEARATE	Peg-6-32 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6-32 STEARATE SE	Peg-6-32 Stearate Se		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60	PEG-60	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 ALMOND GLYCERIDES	Peg-60 Almond Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 CASTOR OIL	Peg-60 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-60 CASTOR OIL ISOSGTEARATE	Peg-60 Castor Oil Isosgtearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 CASTOR OIL ISOSTEARATE	Peg-60 Castor Oil Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 CORN GLYCERIDES	Peg-60 Corn Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 EVENING PRIMROSE GLYCERIDES	Peg-60 Evening Primrose Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 GLYCERYL ISOSTEARATE	Peg-60 Glyceryl Isostearate	68958-58-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-60 GLYCERYL STEARATE	Peg-60 Glyceryl Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 GLYCERYL TRIISOSTEARATE	Peg-60 Glyceryl Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 HYDROGENATED CASTOR OIL	Peg-60 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 HYDROGENATED CASTOR OIL LAURATE	Peg-60 Hydrogenated Castor Oil Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 HYDROGENATED CASTOR OIL PCA ISOSTEARATE	Peg-60 Hydrogenated Castor Oil Pca Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-60 HYDROGENATED CASTOR OIL TRIISOSTEARATE	Peg-60 Hydrogenated Castor Oil Triisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 LANOLIN	PEG-60 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 LANOLIN	PEG-60 LANOLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
PEG-60 PASSIFLORA EDULIS SEED GLYCERIDES	Peg-60 Passiflora Edulis Seed Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 PASSIFLORA INCARNATA SEED GLYCERIDES	Peg-60 Passiflora Incarnata Seed Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-60 SHEA BUTTER GLYCERIDES	Peg-60 Shea Butter Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 SORBITAN STEARATE	PEG-60 SORBITAN STEARATE	9005-67-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 SORBITAN TETRAOLEATE	PEG-60 SORBITAN TETRAOLEATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 SORBITAN TETRASTEARATE	PEG-60 SORBITAN TETRASTEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60 TSUBAKIATE GLYCERIDES	Peg-60 Tsubakiate Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-600	Peg-600		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-60M	Peg-60m		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-65 HYDROGENATED CASTOR OIL	Peg-65 Hydrogenated Castor Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-65 LANOLIN	Peg-65 Lanolin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-65M	PEG-65M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-66 TRIHYDROXYSTEARIN	Peg-66 Trihydroxystearin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-6M	Peg-6m		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 AMODIMETHICONE	Peg-7 Amodimethicone	133779-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 AVOCADOATE	Peg-7 Avocadoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 BETA-NAPHTHOL	Peg-7 Beta- Naphthol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-7 CAPRYLIC/CAPRIC GLYCERIDES	Peg-7 Caprylic/capric Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 COCAMIDE	Peg-7 Cocamide	61791-08-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 DIMETHICONE	PEG-7 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 DIMETHICONE C8-C18 ESTER	Peg-7 Dimethicone C8- C18 Ester		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 DIMETHICONE ISOSTEARATE	Peg-7 Dimethicone Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-7 ESTERS	Peg-7 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 GLYCERIN COCOATE	Peg-7 Glycerin Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 GLYCERYL COCOATE	PEG-7 GLYCERYL COCOATE	66105-29-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 GLYCERYL SOYATE	Peg-7 Glyceryl Soyate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 HYDROGENATED CASTOR OIL	Peg-7 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-7 LANOLATE	Peg-7 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 METHYL ETHER	PEG-7 METHYL ETHER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 METHYL ETHER DIMETHICONE	Peg-7 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 OLEAMIDE	Peg-7 Oleamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 OLEATE	Peg-7 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-7 OLIVATE	Peg-7 Olivate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 OLIVE GLYCERIDES	Peg-7 Olive Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 PANTHENYL PHOSPHATE	Peg-7 Panthenyl Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 RICINOLEAMIDE	Peg-7 Ricinoleamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 RICINOLEATE	Peg-9 Ricinoleate	9004-97-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-7 RICINOLEATE	Peg-8 Ricinoleate	9004-97-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 RICINOLEATE	Peg-7 Ricinoleate	9004-97-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 STEARATE	Peg-7 Stearate	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 SUNFLOWER GLYCERIDES	Peg-7 Sunflower Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7 TALLOW AMINE	Peg-7 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-70 HYDROGENATED LANOLIN	PEG-70 HYDROGENATED LANOLIN	68648-27-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-70 LANOLIN	Peg-70 Lanolin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-70 MANGO GLYCERIDES	Peg-70 Mango Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7000	Peg-7000		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75	PEG-75	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-75 BETA-SITOSTEROL	Peg-75 Beta- Sitosterol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 CASTOR OIL	Peg-75 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 COCOA BUTTER	Peg-75 Cocoa Butter		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 COCOA BUTTER GLYCERIDE	Peg-75 Cocoa Butter Glyceride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 COCOA BUTTER GLYCERIDES	Peg-75 Cocoa Butter Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-75 DILAURATE	PEG-75 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 DIOLEATE	Peg-75 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 DISTEARATE	PEG-75 DISTEARATE	9005-08-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 LANOLIN	PEG-75 LANOLIN	8039-09-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 LANOLIN OIL	PEG-75 LANOLIN OIL	68648-38-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-75 LANOLIN OIL	PEG-75 LANOLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
PEG-75 LANOLIN WAX	PEG-75 LANOLIN WAX		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 LAURATE	PEG-75 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 LAURATE	PEG-75 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-75 MEADOWFOAM OIL	Peg-75 Meadowfoam Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 OLEATE	Peg-75 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-75 PROPYLENE GLYCOL STEARATE	PEG-75 PROPYLENE GLYCOL STEARATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 SHEA BUTTER GLYCERIDES	Peg-75 Shea Butter Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 SHOREA BUTTER GLYCERIDES	Peg-75 Shorea Butter Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 SORBITAN LANOLATE	PEG-75 SORBITAN LANOLATE	8051-13-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 SORBITAN LAURATE	PEG-75 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-75 SOY GLYCERIDES	Peg-75 Soy Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 STEARATE	PEG-75 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-75 STEARYL ETHER DIMER	Peg-75 Stearyl Ether Dimer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-76 STEARATE	Peg-76 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-78 GLYCERYL COCOATE	PEG-78 GLYCERYL COCOATE	68201-46-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-7M	PEG-7M		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-7M	PEG-7M		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
PEG-8	PEG-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 AVOCADOATE	Peg-8 Avocadoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 BEESWAX	Peg-8 Beeswax		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 BEHENATE	Peg-8 Behenate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 C12-18 ESTER	Peg-8 C12-18 Ester		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 CAPRATE	Peg-8 Caprate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 CAPRYLATE	Peg-8 Caprylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 CAPRYLATE/ CAPRATE	Peg-8 Caprylate/ Caprate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 CAPRYLIC/ CAPRIC GLYCERIDES	Peg-8 Caprylic/ Capric Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 CASTOR OIL	Peg-8 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 CETYL DIMETHICONE	Peg-8 Cetyl Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 COCOATE	PEG-9 COCOATE	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 COCOATE	Peg-5 Cocoate	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-8 COCOATE	PEG-15 COCOATE	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 COCOATE	Peg-10 Cocoate	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 COCOATE	Peg-8 Cocoate	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 CRANBERRIATE	Peg-8 Cranberriate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DI/TRIRICINOLEATE	Peg-8 Di/triricinoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 DICOCOATE	Peg-8 Dicocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIISOSTEARATE	Peg-8 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DILAURATE	PEG-75 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DILAURATE	PEG-6 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DILAURATE	PEG-4 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 DILAURATE	PEG-32 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DILAURATE	PEG-20 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DILAURATE	Peg-16 Dilaurate	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DILAURATE	PEG-150 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DILAURATE	PEG-12 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 DILAURATE	PEG-8 DILAURATE	9005-02-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIMETHICONE	PEG-9 DIMETHICONE	68937-54-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIMETHICONE	PEG-8 DIMETHICONE	68937-54-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIMETHICONE COPOLYOL	Peg-8 Dimethicone Copolyol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIMETHICONE MEADOWFOAMATE	Peg-8 Dimethicone Meadowfoamate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-8 DIMETHICONE/DIMER DILINOLEIC ACID COPOLYMER	Peg-8 Dimethicone/dime r Dilinoleic Acid Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIOLEATE	Peg-75 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIOLEATE	Peg-6 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIOLEATE	Peg-4 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIOLEATE	Peg-32 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 DIOLEATE	Peg-20 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIOLEATE	Peg-150 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIOLEATE	Peg-12 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIOLEATE	Peg-10 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DIOLEATE	Peg-8 Dioleate	9005-07-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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PEG-8 DISTEARATE	PEG-8 DISTEARATE	52668-97-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DITALLATE	Peg-8 Ditallate	61791-01-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 DODECENYLSUCCINATE	Peg-8 Dodecenylsuccina te		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 ESTERS	Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 GLYCERYL ISOSTEARATE	Peg-8 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-8 GLYCERYL LAURATE	Peg-8 Glyceryl Laurate	59070-56-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 HYDROGENATED CASTOR OIL	Peg-8 Hydrogenated Castor Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 HYDROGENATED FISH GLYCERIDE	Peg-8 Hydrogenated Fish Glyceride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 HYDROGENATED FISH GLYCERIDES	Peg-8 Hydrogenated Fish Glycerides		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 ISOLAURYL THIOETHER	Peg-8 Isolauryl Thioether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEG-8 ISOSTEARATE	Peg-8 Isostearate	56002-14-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LANOLATE	Peg-8 Lanolate	68459-50-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LAURATE	PEG-75 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LAURATE	PEG-4 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LAURATE	PEG-32 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-8 LAURATE	PEG-20 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LAURATE	PEG-150 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LAURATE	PEG-14 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LAURATE	PEG-12 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LAURATE	PEG-10 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear The	se Warnings
PEG-8 LAURATE	PEG-8 LAURATE	9004-81-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LAURATE	PEG-8 LAURATE	9004-81-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-8 LINOLEATE	Peg-8 Linoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 LINOLENATE	Peg-8 Linolenate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 MEADOWFOAMATE	Peg-8 Meadowfoamate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 METHICONE	Peg-8 Methicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 METHYL ETHER DIMETHICONE	Peg-8 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 METHYL ETHER TRIETHOXYSILANE	Peg-8 Methyl Ether Triethoxysilane		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 MYRISTATE	Peg-8 Myristate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 OLEATE	Peg-8 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 PALMITOYL METHYL DIETHONIUM METHOSULFATE	Peg-8 Palmitoyl Methyl Diethonium Methosulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 PALMITOYL OLIGOPEPTIDE	Peg-8 Palmitoyl Oligopeptide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 PG-COCO-GLUCOSIDE DIMETHICONE	Peg-8 Pg-Coco- Glucoside Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 POLYSORBATE 60	Peg-8 Polysorbate 60		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 PPG-3 DIISOSTEARATE	Peg-8 Ppg-3 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 PROPYLENE GLYCOL	Peg-8 Propylene Glycol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 PROPYLENE GLYCOL COCOATE	PEG-8 PROPYLENE GLYCOL COCOATE	126645-98-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 PROPYLENE GLYCOL COCOATE	PEG-8 PROPYLENE GLYCOL COCOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
PEG-8 RASPBERRIATE	Peg-8 Raspberriate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 RICINOLEATE	Peg-8 Ricinoleate	9004-97-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-8 SESQUILAURATE	Peg-8 Sesquilaurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 SESQUIOLEATE	Peg-8 Sesquioleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 SOYAMINE	Peg-8 Soyamine	61791-24-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 STEARATE	PEG-8 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 STEARATE	PEG-8 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 TALLATE	Peg-8 Tallate	61791-00-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMIDE	Peg-8 Tallow Amide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-7 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-50 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-5 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 TALLOW AMINE	Peg-40 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-30 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-30 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-25 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-22 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 TALLOW AMINE	Peg-20 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-20 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-2 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-15 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-15 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 TALLOW AMINE	Peg-11 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-10 Hydrogenated Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TALLOW AMINE	Peg-8 Tallow Amine	61791-26-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TOCOPHEROL	Peg-8 Tocopherol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8 TRIFLUOROPROPYL DIMETHICONE COPOLYMER	Peg-8 Trifluoropropyl Dimethicone Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-8 UNDECYLENATE	Peg-8 Undecylenate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8-CETETH-20	Peg-8-Ceteth-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8/ SMDI COPOLYMER	Peg-8/ Smdi Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-8/PPG-2 DIISOSTEARATE	Peg-8/ppg-2 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80	PEG-80		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-80 CASTOR OIL	Peg-80 Castor Oil	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 GLYCERYL COCOATE	PEG-78 GLYCERYL COCOATE	68201-46-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 GLYCERYL COCOATE	PEG-40 GLYCERYL COCOATE	68201-46-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 GLYCERYL COCOATE	PEG-30 GLYCERYL COCOATE	68201-46-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 GLYCERYL COCOATE	PEG-80 GLYCERYL COCOATE	68201-46-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-80 GLYCERYL TALLOWATE	Peg-80 Glyceryl Tallowate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 HYDROGENATED CASTOR OIL	Peg-80 Hydrogenated Castor Oil	61788-85-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 HYDROGENATED GLYCERYL PALMATE	Peg-80 Hydrogenated Glyceryl Palmate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 JOJOBA ALCOHOL	Peg-80 Jojoba Alcohol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 METHYL GLUCOSE LAURATE	PEG-80 methyl glucose laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-80 SORBITAN LAURATE	PEG-75 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 SORBITAN LAURATE	PEG-44 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 SORBITAN LAURATE	PEG-40 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 SORBITAN LAURATE	PEG-10 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 SORBITAN LAURATE	POLYSORBATE- 20	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-80 SORBITAN LAURATE	PEG-80 SORBITAN LAURATE	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 SORBITAN LAURATE SULFATE	Peg-80 Sorbitan Laurate Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-80 SORBITAN PALMITATE	PEG-80 SORBITAN PALMITATE	9005-66-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-800	PEG-800	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-800/POLYVINYL ALCOHOL COPOLYMER	Peg-800/polyvinyl Alcohol Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-82 GLYCERYL TALLOWATE	Peg-82 Glyceryl Tallowate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-85 LANOLIN	PEG-85 LANOLIN	61790-81-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9	PEG-9	3386-18-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9	PEG-9		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.9%.	
PEG-9 AVOCADOATE	Peg-9 Avocadoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-9 BORAGEATE	Peg-9 Borageate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 BUTYLENE GLYCOL LAURATE	Peg-9 Butylene Glycol Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 BUTYLOCTANOATE	Peg-9 Butyloctanoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 CASTOR OIL	PEG-9 CASTOR OIL	61791-12-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 COCAMIDE MEA	Peg-9 Cocamide Mea		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-9 COCOATE	PEG-9 COCOATE	61791-29-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 COCOGLYCERIDES	Peg-9 Cocoglycerides	67762-35-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 DIETHYLMONIUM CHLORIDE	Peg-9 Diethylmonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 DIMETHACRYLATE	Peg-9 Dimethacrylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 DIMETHICONE	PEG-9 DIMETHICONE	68937-54-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-9 DISTEARATE	PEG-9 DISTEARATE	109-34-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 GLYCERYL ISOSTEARATE	Peg-9 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 GRAPESEEDATE	Peg-9 Grapeseedate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 ISOSTEARATE	Peg-9 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 LAURATE	PEG-9 LAURATE	106-08-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-9 LAURATE	PEG-9 LAURATE	106-08-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
PEG-9 METHYL ETHER DIMETHICONE	Peg-9 Methyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 OCTYLDODECANOATE	Peg-9 Octyldodecanoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 OLEAMIDE	Peg-9 Oleamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 OLEATE	Peg-9 Oleate	9004-96-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-9 OLIVEATE	Peg-9 Oliveate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE	Peg-9 Polydimethylsilox yethyl Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 RICINOLEATE	Peg-9 Ricinoleate	9004-97-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 SOYATE	Peg-9 Soyate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-9 STEARAMIDE CARBOXYLIC ACID	Peg-9 Stearamide Carboxylic Acid	90453-59-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-9 STEARATE	Peg-9 Stearate	5349-52-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-90	PEG-90	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-90	PEG-90		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 21%.	
PEG-90 DIISOSTEARATE	Peg-90 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-90 GLYCERYL ISOSTEARATE	Peg-90 Glyceryl Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG-90 STEARATE	PEG-90 STEARATE	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-90/POLYEPSILON CAPROLACTONE	PEG- 90/POLYEPSILON CAPROLACTONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-90/POLYEPSILON CAPROLACTONE	PEG- 90/POLYEPSILON CAPROLACTONE		The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
PEG-90M	PEG-90M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-90M	PEG-90M		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	
PEG-9M	PEG-9M	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG-CROSSPOLYMER	Peg-Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-LYCEROL COCOATE	Peg-Lycerol Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-STEARATES	Peg-Stearates	9004-99-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG-STEARATES	PEG-2 STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	
PEG-XX	Peg-Xx	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/ PEG-20/ 20 DIMETHICONE	Peg/ Peg-20/ 20 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-8/17 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-7/50 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-6/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-5/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-4/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-35/9 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-32/3 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-300/55 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-30/33 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-30/160 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-26/31 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-25/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-23/50 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-23/17 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-200/70 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-18/4 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-160/31 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-150/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-125/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-10/70 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-10/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ppg-1/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ Ppg-240/ 60 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 116/ 66 COPOLYMER	Peg/ Ppg 38/ 8 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

## EWG's "Restricted" List (Acceptable Ingredients with Verification)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/ PPG 116/ 66 COPOLYMER	Peg/ Ppg 116/ 66 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 20/ 22 BUTYL ETHER DIMETHICONE	Peg/ppg-24/18 Butyl Ether Dimethicone	67762-87-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 20/ 22 BUTYL ETHER DIMETHICONE	Peg/ Ppg 20/ 22 Butyl Ether Dimethicone	67762-87-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 38/ 8 COPOLYMER	Peg/ Ppg 38/ 8 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG 4/ 12 DIMETHICONE	Peg/ Ppg 4/ 12 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/ PPG 8/ 3 LAURATE	Peg/ Ppg 8/ 3 Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-10/ 2 RICINOLEATE	Peg/ Ppg-10/ 2 Ricinoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-14/ 4 DIMETHICONE	Peg/ Ppg-14/ 4 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-15/ 15 DIMETHICONE	Peg/ Ppg-15/ 15 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-17/ 18 DIMETHICONE	Peg/ Ppg-17/ 18 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/ PPG-17/ 6 COPOLYMER	Peg/ Ppg-17/ 6 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-18/ 18 DIMETHICONE	Peg/ Ppg-18/ 18 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-18/ 8 DIMETHICONE	Peg/ Ppg-18/ 8 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-20/ 15 DIMETHICONE	Peg/ Ppg-20/ 15 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-20/ 23 BENZOATE	Peg/ Ppg-20/ 23 Benzoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/ PPG-20/ 6 DIMETHICONE	Peg/ Ppg-20/ 6 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-22/ 24 DIMETHICONE	Peg/ Ppg-22/ 24 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-240/ 60 COPOLYMER	Peg/ Ppg-240/ 60 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-25/ 25 DIMETHICONE/ ACRYLATES COPOLYMER	Peg/ Ppg-25/ 25 Dimethicone/ Acrylates Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/ PPG-8/ 3 DIISOSTEARATE	Peg/ Ppg-8/ 3 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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PEG/PPG-1/2 COPOLYMER	Peg/ppg-1/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-1/25 DIETHYLMONIUM CHLORIDE	Peg/ppg-1/25 Diethylmonium Chloride		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-10/2 COPOLYMER	Peg/ppg-10/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-10/2 DIMETHICONE	Peg/ppg-10/2 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-10/2 DIRICINOLEATE	Peg/ppg-10/2 Diricinoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-10/3 OLEYL ETHER DIMETHICONE	Peg/ppg-10/3 Oleyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-10/30 COPOLYMER	Peg/ppg-10/30 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-10/65 COPOLYMER	Peg/ppg-10/65 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-10/70 COPOLYMER	Peg/ppg-10/70 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-100/70 TOCOPHERYL ETHER	Peg/ppg-100/70 Tocopheryl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-12/16 DIMETHICONE	Peg/ppg-12/16 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-12/18 DIMETHICONE	Peg/ppg-12/18 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-12/35 COPOLYMER	Peg/ppg-12/35 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-125/30 COPOLYMER	Peg/ppg-125/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-14/7 DIMETHYL ETHER	PEG/PPG-9/2 Dimethyl Ether	61419-46-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-14/7 DIMETHYL ETHER	PEG/PPG-3/6 Dimethyl Ether	61419-46-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-14/7 DIMETHYL ETHER	PEG/PPG-14/7 Dimethyl Ether	61419-46-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-150/30 COPOLYMER	Peg/ppg-150/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-150/35 COPOLYMER	Peg/ppg-150/35 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-16/17 COPOLYMER	Peg/ppg-16/17 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-16/2 DIMETHICONE	PEG/PPG-16/2 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-16/8 DIMETHICONE	Peg/ppg-16/8 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-160/30 COPOLYMER	Peg/ppg-160/30 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-160/31 COPOLYMER	Peg/ppg-160/31 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-17/4 DIMETHYL ETHER	PEG/PPG-17/4 Dimethyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-18/18 ISOSTEARATE	Peg/ppg-18/18 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-18/18 LAURATE	Peg/ppg-18/18 Laurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-18/4 COPOLYMER	Peg/ppg-18/4 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-19/19 DIMETHICONE	PEG/PPG-19/19 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-19/21 COPOLYMER	Peg/ppg-19/21 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-190/60 COPOLYMER	Peg/ppg-190/60 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-2/5 TOCOPHERYL ETHER	Peg/ppg-2/5 Tocopheryl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-20/20 COPOLYMER	Peg/ppg-20/20 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-20/20 DIMETHICONE	PEG/PPG-20/20 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-20/22 METHYL ETHER DIMETHICONE	Peg/ppg-20/22 Methyl Ether Dimethicone	125857-75-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-20/23 DIMETHICONE	PEG/PPG-20/23 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-20/29 DIMETHICONE	PEG/PPG-20/29 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-20/60 COPOLYMER	Peg/ppg-20/60 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-20/65 COPOLYMER	Peg/ppg-20/65 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-20/9 COPOLYMER	Peg/ppg-20/9 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-200/40 COPOLYMER	Peg/ppg-200/40 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-200/70 COPOLYMER	Peg/ppg-200/70 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-22/22 BUTYL ETHER DIMETHICONE	Peg/ppg-22/22 Butyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-22/23 BUTYL ETHER DIMETHICONE	Peg/ppg-22/23 Butyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-22/23 DIMETHICONE	PEG/PPG-22/23 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-22/25 COPOLYMER	Peg/ppg-22/25 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-22/40 DIMETHYL ETHER	PEG/PPG-22/40 Dimethyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-23/17 COPOLYMER	Peg/ppg-23/17 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-23/23 BUTYL ETHER DIMETHICONE	Peg/ppg-23/23 Butyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-23/50 COPOLYMER	Peg/ppg-23/50 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-23/6 DIMETHICONE	PEG/PPG-23/6 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-24/18 BUTYL ETHER DIMETHICONE	Peg/ppg-24/18 Butyl Ether Dimethicone	67762-87-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-24/24 METHYL ETHER GLYCIDOXY DIMETHICONE	Peg/ppg-24/24 Methyl Ether Glycidoxy Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-25/25 DIMETHICONE	PEG/PPG-25/25 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-25/30 COPOLYMER	Peg/ppg-25/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-26/31 COPOLYMER	Peg/ppg-26/31 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-27/14 DIMETHYL ETHER	PEG/PPG-27/14 Dimethyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-27/27 DIMETHICONE	PEG/PPG-27/27 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-27/9 BUTYL ETHER DIMETHICONE	Peg/ppg-27/9 Butyl Ether Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-28/21 ACETATE DIMETHICONE	Peg/ppg-28/21 Acetate Dimethicone	68037-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-28/30 COPOLYMER	Peg/ppg-28/30 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-3/1 OLIVE OIL ESTERS	Peg/ppg-3/1 Olive Oil Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-3/10 DIMETHICONE	PEG/PPG-3/10 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-3/17 COPOLYMER	Peg/ppg-3/17 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-3/6 DIMETHYL ETHER	PEG/PPG-3/6 Dimethyl Ether	61419-46-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-30/10 DIMETHICONE	Peg/ppg-30/10 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-30/10 TOCOPHERYL ETHER	Peg/ppg-30/10 Tocopheryl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-30/160 COPOLYMER	Peg/ppg-30/160 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-30/33 COPOLYMER	Peg/ppg-30/33 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-30/35 COPOLYMER	Peg/ppg-30/35 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-30/55 COPOLYMER	Peg/ppg-30/55 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-300/55 COPLOYMER	Peg/ppg-300/55 Coploymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-300/55 COPOLYMER	Peg/ppg-300/55 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-32/3 COPOLYMER	Peg/ppg-32/3 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-32/3 DIRICINOLEATE	Peg/ppg-32/3 Diricinoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-32/3 RICINOLEATE	Peg/ppg-32/3 Ricinoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-35/40 COPOLYMER	Peg/ppg-35/40 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-35/40 DIMETHYL ETHER	PEG/PPG-35/40 Dimethyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-35/9 COPOLYMER	Peg/ppg-35/9 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-36/41 DIMETHYL ETHER	PEG/PPG-36/41 Dimethyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-4/2 COPOLYMER	Peg/ppg-4/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-5/10 TOCOPHERYL ETHER	Peg/ppg-5/10 Tocopheryl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-5/20 TOCOPHERYL ETHER	Peg/ppg-5/20 Tocopheryl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-5/3 TRISILOXANE	Peg/ppg-5/3 Trisiloxane		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-5/30 COPOLYMER	Peg/ppg-5/30 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-5/30 TOCOPHERYL ETHER	Peg/ppg-5/30 Tocopheryl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-5/35 COPOLYMER	Peg/ppg-5/35 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-50/20 TOCOPHERYL ETHER	Peg/ppg-50/20 Tocopheryl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-50/40 COPOLYMER	Peg/ppg-50/40 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-50/40 DIMETHYL ETHER	PEG/PPG-50/40 Dimethyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-55/28 DIMETHYL ETHER	PEG/PPG-55/28 Dimethyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-6/11 DIMETHICONE	PEG/PPG-6/11 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-6/2 COPOLYMER	Peg/ppg-6/2 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-7/12 DIMETHYL ETHER	PEG/PPG-7/12 Dimethyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-7/50 COPOLYMER	Peg/ppg-7/50 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-70/30 TOCOPHERYL ETHER	Peg/ppg-70/30 Tocopheryl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-8/13 DIISOSTEARATE	Peg/ppg-8/13 Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-8/14 DIMETHICONE	PEG/PPG-8/14 DIMETHICONE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-8/17 COPOLYMER	Peg/ppg-8/17 Copolymer	9003-11-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-8/26 DIMETHICONE	Peg/ppg-8/26 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEG/PPG-8/55 COPOLYMER	Peg/ppg-8/55 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG-9/2 DIMETHYL ETHER	PEG/PPG-9/2 Dimethyl Ether	61419-46-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG/BUTYLENE/DIMETHI CONE COPOLYMER	Peg/ppg/butylene /dimethicone Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEG/PPG/POLYBUTYLENE GLYCOL-8/5/3 GLYCERIN	Peg/ppg/polybut ylene Glycol-8/5/3 Glycerin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PEGLICOL 5 OLEATE	Peglicol 5 Oleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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PEGOXOL 7 STEARATE	Pegoxol 7 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Pegs	Polyethylene Glycol	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Pegs	Pegs		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PENTADECALACTONE	Cyclopentadecano lide	106-02-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.16% in lip products, 0.2% in deodorants/antiperspirants, 0.83% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 2.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 1.31% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 3.93% in mouthwashes, breath sprays, and toothpastes, 0.42% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PENTADOXYNOL-200	Pentadoxynol-200		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PENTAERYTHRITYL TETRABEHENATE	PENTAERYTHRITY L TETRABEHENATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PENTAERYTHRITYL TETRABEHENATE/BENZOATE/ ETHYLHEXANOATE	PENTAERYTHRITY L TETRABEHENATE /BENZOATE/ETH YLHEXANOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 16%.	
PENTAERYTHRITYL TETRACAPRYLATE/ TETRACAPRATE	PENTAERYTHRITY L TETRACAPRYLAT E/TETRACAPRAT E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
PENTAERYTHRITYL TETRAPERLARGONATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
PENTAERYTHRITYL TETRASTEARATE	PENTAERYTHRITY L TETRASTEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PENTAMETHYL-CYCLOPENT-1- ENYL METHYL KETONE	1-(2,4,4,5,5- Pentamethyl-1- cyclopenten-1- yl)ethan-1-one	13144-88-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.15% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.45% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.24% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.72% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PENTAPEPTIDE-48	Pentapeptide-48		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.002%	
Pentasodium DTPA	PENTASODIUM PENTETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
PENTETIC ACID	PENTETIC ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.03%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PENTYL DIMETHYL PABA	AMYLPDIMETHYL AMINOBENZOAT E		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
PENTYL DIMETHYL PABA	AMYLPDIMETHYL AMINOBENZOAT E		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
PENTYL DIMETHYL PABA	AMYLPDIMETHYL AMINOBENZOAT E		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
PENTYLENE GLYCOL	PENTYLENE GLYCOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	

PERBORIC ACID, SODIUM SALT, Hydrogen 7722-84-1 The European Commission restricts this The European Commission requires the ingredient to a maximum concentration following on the label/package of hair	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
component: HYDROGEN of 12% of H202 (40 volumes, present or preducts: - "Wear suitable gloves"; - "Avoid (creased) in hair products, 4% of H202 (present or released) in skin products, 2% of H202 (present or released) in oral products, and products, 12% of H202 (present or released) in oral products, the following warnings are to released) in oral products, the following warnings are equired: '- "Contains hydrogen tooth whitening or bleaching products, and greater than 01% but less than or released) in tooth whitening or bleaching products. Additionally, the product comes into contact with the product swith this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under the ir direct supervision if an equivalent level of safety is ensured. Afterwards, the product cannot to be used on a person under 18 years of age. Lastly, for uper volved to the concentration cannot exceed 2% of H202, present or released, and is permitted for professional use only', - "Avoid contact wither is ensured.	PERBORIC ACID, SODIUM SALT MONOHYDRATE [based on the component: HYDROGEN PEROXIDE]	Hydrogen peroxide	7722-84-1	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For professional use only'; - 'Avoid contact

PERBORIC ACID, SODIUM SALT, Hydrogen 7722-84-1 The European Commission restricts this The European Commission requires the ingredient to a maximum concentration following on the label/package of hair	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
component: HYDROGEN of 12% of H202 (40 volumes, present or preducts: - "Wear suitable gloves"; - "Avoid (creased) in hair products, 4% of H202 (present or released) in skin products, 2% of H202 (present or released) in oral products, and products, 12% of H202 (present or released) in oral products, the following warnings are to released) in oral products, the following warnings are equired: '- "Contains hydrogen tooth whitening or bleaching products, and greater than 01% but less than or released) in tooth whitening or bleaching products. Additionally, the product comes into contact with the product swith this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under the ir direct supervision if an equivalent level of safety is ensured. Afterwards, the product cannot to be used on a person under 18 years of age. Lastly, for uper volved to the concentration cannot exceed 2% of H202, present or released, and is permitted for professional use only', - "Avoid contact wither is ensured.	PERBORIC ACID, SODIUM SALT MONOHYDRATE [based on the component: HYDROGEN PEROXIDE]	Hydrogen peroxide	7722-84-1	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For professional use only'; - 'Avoid contact

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PERBORIC ACID, SODIUM SALT, MONOHYDRATE [based on the component: HYDROGEN PEROXIDE]	HYDROGENPERO XIDE	7722-84-1	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
PERBORIC ACID, SODIUM SALT, MONOHYDRATE [based on the component: HYDROGEN PEROXIDE]	HYDROGENPERO XIDE	7722-84-1	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PERBORIC ACID, SODIUM SALT, MONOHYDRATE [based on the component: SODIUM BORATE]	SODIUM BORATE	1303-96-4	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products, 18% (as boric acid) in bath products, and 8% (as boric acid) in hair products. For all other products, the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Not to be used for children under 3 years of age'. Lastly, for hair products, the following warning is required: - 'Rinse well'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PERBORIC ACID, SODIUM SALT, MONOHYDRATE [based on the component: SODIUM BORATE]	SODIUM BORATE, ANHYDROUS	1330-43-4	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products, 18% (as boric acid) in bath products, and 8% (as boric acid) in bath products. For all other products, the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Not to be used for children under 3 years of age'. Lastly, for hair products, the following warning is required: - 'Rinse well'.
PERBORIC ACID, SODIUM SALT, MONOHYDRATE [based on the component: SODIUM BORATE]	SODIUM BORATE	1330-43-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%. Additionally, it may not be used on infant or injured skin.	
PERBORIC ACID, SODIUM SALT, MONOHYDRATE [based on the component: SODIUM BORATE]	SODIUMBORATE	1303-96-4	Health Canada restricts this ingredient to a maximum concentration of 5%.	Health Canada requires the following warning text on the package/label of products containing at least 0.1% of sodium borate: - 'Do not use on broken or abraded skin'; - 'Not to be used by children under three years of age'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PERFLUORONONYLETHYL CARBOXYDECYL PEG-10 DIMETHICONE	Perfluorononylethy I Carboxydecyl Peg-10 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PERFLUORONONYLETHYL CARBOXYDECYL PEG-8 DIMETHICONE	Perfluorononylethy I Carboxydecyl Peg-8 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PERFLUORONONYLETHYL PEG-8 DIMETHICONE	Perfluorononylethy l Peg-8 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PERHYDROL UREA	PERHYDROL UREA	124-43-6	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PERHYDROL UREA	CARBAMIDEUREA PEROXIDE	124-43-6	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
PERHYDROL UREA	UREACARBAMIDE PEROXIDE	124-43-6	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PERHYDROL UREA	UREACARBAMIDE PEROXIDE	124-43-6	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
PERILLA OCYMOIDES (BEEFSTEAK PLANT) LEAF EXTRACT [based on the component: PERILLALDEHYDE]	PERILLALDEHYDE	2111-75-3	The European Commission restricts this ingredient to a maximum concentration of 0.1% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
PERILLA OCYMOIDES (BEEFSTEAK PLANT) LEAF EXTRACT [based on the component: PERILLALDEHYDE]	p-Mentha-1,8-dien- 7-al (Perilla aldehyde)	2111-75-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.5% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
PERILLALDEHYDE	PERILLALDEHYDE	2111-75-3	The European Commission restricts this ingredient to a maximum concentration of 0.1% in non-oral products.
Substance/Ingredient Alterna	ative name CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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PERILLALDEHYDE p-Ment 7-al (Pu aldehy	tha-1,8-dien- erilla de)	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.5% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PEROXIDEANDPEROXIDEGEN ERATINGCOMPOUNDS			Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
PERSEA GRATISSIMA (AVOCADO) OIL UNSAPONIFIABLES	PERSEA GRATISSIMA (AVOCADO) OIL UNSAPONIFIABLE S	-	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
PERSEA GRATISSIMA (AVOCADO) OIL, HYDROGENATED	HYDROGENATED AVOCADO OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
PETROLATUM	PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PETROLATUM	PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
PETROLATUM	PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
PETROLATUM	WHITE PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
PETROLEUM DISTILLATES	Petroleum Distillates	8052-41-3	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
PETROLEUM DISTILLATES, CLAY-TREATED HEAVY NAPHTHENIC	PETROLEUM DISTILLATES, CLAY-TREATED HEAVY NAPHTHENIC	64742-44-5	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
PETROLEUM DISTILLATES, CLAY-TREATED LIGHT NAPHTHENIC	PETROLEUM DISTILLATES, CLAY-TREATED LIGHT NAPHTHENIC	64742-45-6	The European Commission bans this ingredient from use in cosmetics if it contains over 3% w/w DMSO extract	
PETROLEUM GASES, LIQUEFIED	Petroleum gases, liquefied	68476-85-7	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
PETROLEUM GASES, LIQUEFIED, SWEETENED	Petroleum gases, liquefied, sweetened	68476-86-8	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	PETROLEUM GASES, LIQUEFIED, SWEETENED, C4 FRACTION	92045-80-2	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
PETROLEUM NAPHTHA	PETROLEUM NAPHTHA	8030-30-6	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
PETROLEUM PRODUCTS, HYDROFINER-POWERFORMER REFORMATES	Petroleum products, hydrofiner- powerformer reformates	68514-79-4	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
PETROLEUM PRODUCTS, REFINERY GASES	Petroleum products, refinery gases	68607-11-4	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	
PHANTOLIDE	ACETYL HEXAMETHYL INDAN	15323-35-0	The European Commission restricts this ingredient to a maximum concentration of 2% in leave-on products.	
PHANTOLIDE	5-Acetyl-1,1,2,3,3,6- hexamethyl indan (AHMI)	15323-35-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 2% in leave-on products	
PHENETHYL ALCOHOL	PHENETHYL ALCOHOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
PHENOL	Phenol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1%.	
PHENOLS, AMMONIA LIQUOR EXT.	PHENOLS, AMMONIA LIQUOR EXT.	84988-93-2	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
PHENOLS, C9-11	PHENOLS, C9-11	91079-47-9	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PHENONIP	Phenoxyethanol		The Cosmetic Ingredient Review has determined that Phenoxyethanol (a component of several branded preservatives) is safe as used up to a concentration of 1%.	
PHENONIP	Methylparaben	99-76-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	
PHENONIP	Propylparaben	94-13-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	
PHENONIP	Ethylparaben	120-47-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% if used alone and 0.8% when used with a paraben mixture.	
PHENONIP	Phenoxyethanol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
PHENOXYETHANOL	Phenoxyethanol		The Cosmetic Ingredient Review has determined that Phenoxyethanol (a component of several branded preservatives) is safe as used up to a concentration of 1%.	
PHENOXYETHANOL	Phenoxyethanol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PHENOXYISOPROPANOL	Phenoxyisopropan ol	770-35-4	The European Commission restricts this ingredient to a maximum concentration of 2% in rinse-off products. The substance cannot be used in oral products.	
PHENOXYISOPROPANOL	Phenoxyisopropan ol	770-35-4	The European Commission restricts this ingredient to a maximum concentration of 2% in rinse-off products. The substance cannot be used in oral products.	
PHENOXYISOPROPANOL	1-Phenoxypropan- 2-ol (8)	770-35-4	(*) The European Commission restricts this ingredient to a maximum concentration of 1.00% in rinse-off products.	
PHENYL METHYL PYRAZOLONE	PHENYL METHYL PYRAZOLONE	89-25-8	The European Commission restricts this ingredient to a maximum concentration of 0.25% applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PHENYL METHYL PYRAZOLONE	PHENYL METHYL PYRAZOLONE	89-25-8	The European Commission restricts this ingredient to a maximum concentration of 0.25% applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
PHENYL METHYL PYRAZOLONE	PHENYL METHYL PYRAZOLONE	89-25-8	The European Commission restricts this ingredient to a maximum concentration of 0.25% applied to hair after mixing under oxidative conditions in oxidative hair dye products.	The European Commission requires the following on the product label/package: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.'
PHENYL METHYL PYRAZOLONE	PHENYL METHYL PYRAZOLONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PHENYL SALICYLATE	PHENYLSALICYLA TE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
PHENYLACETALDEHYDE	PHENYLACETALD EHYDE	122-78-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.09% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.4% in mouthwashes, breath sprays, and toothpastes, 0.04% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PHENYLENEDIAMINE, M-	m- phenylenediamine	108-45-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% in hair dyes.	

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Phenylmercuric salts (including borate)			(*) The European Commission restricts this ingredient to a maximum concentration of 0.007% (of Hg) in eye products. If mixed with other mercurial compounds allowed by the European Commission, the maximum concentration of Hg remains fixed at 0.007%.	
PHENYLMERCURICBORATE		102-98-7		
PHOTOSENSITIZINGDYES			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.002%.	
PHTHALIC ANHYDRIDE	phthalic anhydride	85-44-9	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
PHTHALIC ANHYDRIDE/ADIPIC ACID/CASTOR OIL/NEOPENTYL GLYCOL/PEG- 3/TRIMETHYLOLPROPANE COPOLYMER	Phthalic Anhydride/adipic Acid/castor Oil/neopentyl Glycol/peg- 3/trimethylolprop ane Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PHYTANTRIOL	PHYTANTRIOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: sulphated ash, heavy metals, and diastereomer of phytantriol (3,7,11,15-tetramethyl-1,2,3,4- tetrahydroxy-hexadecane)	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PHYTOL PPG-5-CETETH-20	Phytol Ppg-5- Ceteth-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PICEA MARIANA LEAF EXTRACT	PICEA MARIANA LEAF OIL	91722-19-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PICEA MARIANA LEAF EXTRACT	PICEA MARIANA LEAF EXTRACT	91722-19-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PICEA MARIANA LEAF EXTRACT	PICEA MARIANA LEAF EXTRACT	91722-19-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PICEA MARIANA LEAF OIL	PICEA MARIANA LEAF OIL	91722-19-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PICEA MARIANA LEAF OIL	PICEA MARIANA LEAF OIL	91722-19-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PICEA MARIANA LEAF OIL	PICEA MARIANA LEAF EXTRACT	91722-19-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PICEA MARIANA LEAF OIL	PICEA MARIANA LEAF EXTRACT	91722-19-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PICRAMIC ACID	PICRAMIC ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.6%.	
PIGMENT RED 57	Disodium 3- hydroxy-4-[(E)-(4- methyl-2- sulfonatophenyl)di azenyl]-2- naphthoate	5858-81-1	(*) The European Commission restricts this ingredient to a maximum concentration of 0.4% in non-oxidative hair dye products.	
PIMENTA ACRIS (BAY) [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA ACRIS (BAY) [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA ACRIS (BAY) [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PIMENTA ACRIS (BAY) FRUIT EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PIMENTA ACRIS (BAY) FRUIT EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA ACRIS (BAY) FRUIT EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA ACRIS (BAY) FRUIT OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA ACRIS (BAY) FRUIT OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA ACRIS (BAY) FRUIT OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PIMENTA ACRIS (BAY) LEAF OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA ACRIS (BAY) LEAF OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA ACRIS (BAY) LEAF OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA ACRIS (BAY) LEAF POWDER [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA ACRIS (BAY) LEAF POWDER [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA ACRIS (BAY) LEAF POWDER [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PIMENTA DIOICA (ALLSPICE) [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA DIOICA (ALLSPICE) [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA DIOICA (ALLSPICE) EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PIMENTA DIOICA (ALLSPICE) FRUIT EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) FRUIT EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA DIOICA (ALLSPICE) FRUIT EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) LEAF EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA DIOICA (ALLSPICE) LEAF EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) LEAF EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PIMENTA DIOICA (ALLSPICE) OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA DIOICA (ALLSPICE) OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) POWDER [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA DIOICA (ALLSPICE) POWDER [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA DIOICA (ALLSPICE) POWDER [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PIMENTA OFFICINALIS (PIMENTO) EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA OFFICINALIS (PIMENTO) EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA OFFICINALIS (PIMENTO) EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA RACEMOSA (BAY RUM) OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA RACEMOSA (BAY RUM) OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA RACEMOSA (BAY RUM) OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PIMENTA RACEMOSA FRUIT LEAF EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PIMENTA RACEMOSA FRUIT LEAF EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA RACEMOSA FRUIT LEAF EXTRACT [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PIMENTA RACEMOSA LEAF/FRUIT OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
PIMENTA RACEMOSA LEAF/FRUIT OIL [based on the component: EUGENOL]	Eugenol	97-53-0		The European Commission requires that the presence of this substance (Eugenol) be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
PIMENTA RACEMOSA LEAF/FRUIT OIL [based on the component: EUGENOL]	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
Pinacea derivatives			The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 10 millimoles peroxides per liter.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PINK FRENCH CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
PINUS BANKSIANA (JACK PINE) BARK EXTRACT	PINUS STROBUS (WHITE PINE) BARK EXTRACT	90082-77-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF EXTRACT	PINUS CEMBRA TWIG LEAF EXTRACT	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF EXTRACT	PINUS CEMBRA TWIG LEAF EXTRACT	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF EXTRACT	PINUS CEMBRA TWIG LEAF EXTRACT	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF EXTRACT	PINUS CEMBRA TWIG LEAF OIL	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF EXTRACT	PINUS CEMBRA TWIG LEAF OIL	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS CEMBRA TWIG LEAF EXTRACT	PINUS CEMBRA TWIG LEAF OIL	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF EXTRACT ACETYLATED	PINUS CEMBRA TWIG LEAF EXTRACT ACETYLATED	94334-26-6	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF OIL	PINUS CEMBRA TWIG LEAF EXTRACT	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF OIL	PINUS CEMBRA TWIG LEAF OIL	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF OIL	PINUS CEMBRA TWIG LEAF OIL	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS CEMBRA TWIG LEAF OIL	PINUS CEMBRA TWIG LEAF OIL	92202-04-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO LEAF OIL	PINUS MUGO LEAF OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS MUGO LEAF OIL	PINUS MUGO LEAF OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO LEAF OIL	PINUS MUGO LEAF OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO LEAF OIL	PINUS MUGO TWIG LEAF EXTRACT	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO LEAF OIL	PINUS MUGO TWIG LEAF EXTRACT	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO LEAF OIL	PINUS MUGO TWIG LEAF EXTRACT	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO LEAF OIL	PINUS MUGO TWIG OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO LEAF OIL	PINUS MUGO TWIG OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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PINUS MUGO LEAF OIL	PINUS MUGO TWIG OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO PUMILIO TWIG LEAF EXTRACT	PINUS MUGO PUMILIO TWIG LEAF EXTRACT	90082-73-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO PUMILIO TWIG LEAF EXTRACT	PINUS MUGO PUMILIO TWIG LEAF EXTRACT	90082-73-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO PUMILIO TWIG LEAF EXTRACT	PINUS MUGO PUMILIO TWIG LEAF OIL	90082-73-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO PUMILIO TWIG LEAF EXTRACT	PINUS MUGO PUMILIO TWIG LEAF OIL	90082-73-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO PUMILIO TWIG LEAF OIL	PINUS MUGO PUMILIO TWIG LEAF EXTRACT	90082-73-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO PUMILIO TWIG LEAF OIL	PINUS MUGO PUMILIO TWIG LEAF OIL	90082-73-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS MUGO PUMILIO TWIG LEAF OIL	PINUS MUGO PUMILIO TWIG LEAF OIL	90082-73-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG LEAF EXTRACT	PINUS MUGO LEAF OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG LEAF EXTRACT	PINUS MUGO TWIG LEAF EXTRACT	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG LEAF EXTRACT	PINUS MUGO TWIG LEAF EXTRACT	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG LEAF EXTRACT	PINUS MUGO TWIG LEAF EXTRACT	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG LEAF EXTRACT	PINUS MUGO TWIG OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG OIL	PINUS MUGO LEAF OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PINUS MUGO TWIG OIL	PINUS MUGO TWIG LEAF EXTRACT	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG OIL	PINUS MUGO TWIG OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG OIL	PINUS MUGO TWIG OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS MUGO TWIG OIL	PINUS MUGO TWIG OIL	90082-72-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS NIGRA TWIG LEAF EXTRACT	PINUS NIGRA TWIG LEAF EXTRACT	90082-74-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS NIGRA TWIG LEAF EXTRACT	PINUS NIGRA TWIG LEAF EXTRACT	90082-74-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS NIGRA TWIG LEAF EXTRACT	PINUS NIGRA TWIG LEAF OIL	90082-74-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS NIGRA TWIG LEAF EXTRACT	PINUS NIGRA TWIG LEAF OIL	90082-74-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS NIGRA TWIG LEAF OIL	PINUS NIGRA TWIG LEAF EXTRACT	90082-74-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS NIGRA TWIG LEAF OIL	PINUS NIGRA TWIG LEAF OIL	90082-74-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS NIGRA TWIG LEAF OIL	PINUS NIGRA TWIG LEAF OIL	90082-74-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS (LONGLEAF PINE) OIL	PINUS PALUSTRIS (LONGLEAF PINE) OIL		The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS (LONGLEAF PINE) OIL	PINUS PALUSTRIS (PITCH PINE)		The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS (PITCH PINE)	PINUS PALUSTRIS (PITCH PINE)		The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PINUS PALUSTRIS LEAF EXTRACT	PINUS PALUSTRIS LEAF EXTRACT	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS LEAF EXTRACT	PINUS PALUSTRIS TWIG LEAF EXTRACT	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS LEAF EXTRACT	PINUS PALUSTRIS TWIG LEAF OIL	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF EXTRACT	PINUS PALUSTRIS LEAF EXTRACT	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF EXTRACT	PINUS PALUSTRIS TWIG LEAF EXTRACT	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF EXTRACT	PINUS PALUSTRIS TWIG LEAF EXTRACT	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF EXTRACT	PINUS PALUSTRIS TWIG LEAF EXTRACT	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PINUS PALUSTRIS TWIG LEAF EXTRACT	PINUS PALUSTRIS TWIG LEAF OIL	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF EXTRACT	PINUS PALUSTRIS TWIG LEAF OIL	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF EXTRACT	PINUS PALUSTRIS TWIG LEAF OIL	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF OIL	PINUS PALUSTRIS TWIG LEAF EXTRACT	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF OIL	PINUS PALUSTRIS TWIG LEAF OIL	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF OIL	PINUS PALUSTRIS TWIG LEAF OIL	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PALUSTRIS TWIG LEAF OIL	PINUS PALUSTRIS TWIG LEAF OIL	97435-14-8	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS PINASTER TWIG LEAF EXTRACT	PINUS PINASTER TWIG LEAF EXTRACT	90082-75-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PINASTER TWIG LEAF EXTRACT	PINUS PINASTER TWIG LEAF EXTRACT	90082-75-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PINASTER TWIG LEAF EXTRACT	PINUS PINASTER TWIG LEAF OIL	90082-75-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PINASTER TWIG LEAF EXTRACT	PINUS PINASTER TWIG LEAF OIL	90082-75-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PINASTER TWIG LEAF OIL	PINUS PINASTER TWIG LEAF EXTRACT	90082-75-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PINASTER TWIG LEAF OIL	PINUS PINASTER TWIG LEAF OIL	90082-75-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PINASTER TWIG LEAF OIL	PINUS PINASTER TWIG LEAF OIL	90082-75-0	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS PUMILA TWIG LEAF EXTRACT	PINUS PUMILA TWIG LEAF EXTRACT	97676-05-6	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PUMILA TWIG LEAF EXTRACT	PINUS PUMILA TWIG LEAF EXTRACT	97676-05-6	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PUMILA TWIG LEAF EXTRACT	PINUS PUMILA TWIG LEAF OIL	97676-05-6	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PUMILA TWIG LEAF EXTRACT	PINUS PUMILA TWIG LEAF OIL	97676-05-6	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PUMILA TWIG LEAF OIL	PINUS PUMILA TWIG LEAF EXTRACT	97676-05-6	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PUMILA TWIG LEAF OIL	PINUS PUMILA TWIG LEAF OIL	97676-05-6	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS PUMILA TWIG LEAF OIL	PINUS PUMILA TWIG LEAF OIL	97676-05-6	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PINUS STROBUS (WHITE PINE) BARK EXTRACT	PINUS STROBUS (WHITE PINE) BARK EXTRACT	90082-77-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS STROBUS (WHITE PINE) BARK EXTRACT	PINUS STROBUS (WHITE PINE) BARK EXTRACT	90082-77-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS STROBUS (WHITE PINE) BARK EXTRACT	PINUS STROBUS (WHITE PINE) BARK EXTRACT	90082-77-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS STROBUS (WHITE PINE) CONE EXTRACT	PINUS STROBUS (WHITE PINE) BARK EXTRACT	90082-77-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS STROBUS (WHITE PINE) CONE EXTRACT	PINUS STROBUS (WHITE PINE) CONE EXTRACT	94266-48-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS STROBUS (WHITE PINE) CONE EXTRACT	PINUS STROBUS (WHITE PINE) CONE EXTRACT	94266-48-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS STROBUS (WHITE PINE) CONE EXTRACT	PINUS STROBUS (WHITE PINE) CONE EXTRACT	94266-48-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS SYLVESTRIS (SCOT'S PINE) BARK EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) BARK EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) BARK EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) BUD EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) BUD EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) BUD EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) CONE EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) CONE EXTRACT	94266-48-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) CONE EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) CONE EXTRACT	94266-48-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) CONE EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) CONE EXTRACT	94266-48-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS SYLVESTRIS (SCOT'S PINE) CONE EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) BARK EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS (SCOT'S PINE) BUD EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	PINUS SYLVESTRIS LEAF WATER	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF OIL		8023-99-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS (SCOT'S PINE) LEAF OIL	PINUS SYLVESTRIS (SCOT'S PINE) LEAF OIL	8023-99-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PINUS SYLVESTRIS LEAF WATER	PINUS SYLVESTRIS (SCOT'S PINE) LEAF EXTRACT	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PINUS SYLVESTRIS LEAF WATER	PINUS SYLVESTRIS LEAF WATER	84012-35-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
PIROCTONE OLAMINE	PIROCTONE OLAMINE	68890-66-4	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
PIROCTONE OLAMINE	PIROCTONE OLAMINE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
PISTACIA VERA (PISTACHIO NUT) SEED OIL	Pistacia vera seed oil		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1%	
PISTACIA VERA SEED OIL [PISTACHIO]			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PLACENTAL EXTRACT	HUMANPLACENT ALEXTRACTS		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLACENTAL EXTRACT	HUMANPLACENT ALENZYMES		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLACENTAL EXTRACT	HUMANPLACENT ALLIPIDS		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PLACENTAL EXTRACT	HUMANPLACENT ALPROTEIN		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLACENTAL EXTRACT	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLACENTAL EXTRACT	LYOPHILIZEDHU MANPLACENTALE XTRACT		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PLACENTAL PROTEIN	HUMANPLACENT ALEXTRACTS		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLACENTAL PROTEIN	HUMANPLACENT ALENZYMES		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLACENTAL PROTEIN	HUMANPLACENT ALLIPIDS		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PLACENTAL PROTEIN	HUMANPLACENT ALPROTEIN		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLACENTAL PROTEIN	HYDROLYZEDHU MANPLACENTALP ROTEIN	73049-73-7	Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLACENTAL PROTEIN	LYOPHILIZEDHU MANPLACENTALE XTRACT		Health Canada requires manufacturers using substances of human origin provide the following information to the Cosmetics Division of the Consumer Product Safety Bureau: source of the substance; a description of the method of production; quality control data, particularly those relating to microbial limits (including viruses) and the absence of estrogenic substances; product labelling.	
PLUKENETIA VOLUBILIS SEED OIL	Plukenetia Volubilis Seed Oil		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.6%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PLUKENETIA VOLUBILIS SEED OIL [SACHA INCHI]			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.6%.	
POLOXAMER 101	POLOXAMER 101		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 105	POLOXAMER 105		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 105 BENZOATE	POLOXAMER 105 BENZOATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 108	POLOXAMER 108		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLOXAMER 122	POLOXAMER 122		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 123	POLOXAMER 123		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 124	POLOXAMER 124		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLOXAMER 124	POLOXAMER 124		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 181	POLOXAMER 181		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLOXAMER 181	POLOXAMER 181		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 182	POLOXAMER 182		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 182 DIBENZOATE	POLOXAMER 182 DIBENZOATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 183	POLOXAMER 183		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	

Substance/Ingredient	Alternative name CA	AS EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
POLOXAMER 184	POLOXAMER 184	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide
POLOXAMER 185	POLOXAMER 185	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide
POLOXAMER 188	POLOXAMER 188	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide

Substance/Ingredient	Alternative name CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLOXAMER 212	POLOXAMER 212	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 215	POLOXAMER 215	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 217	POLOXAMER 217	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 231	POLOXAMER 231	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	

Substance/Ingredient	Alternative name CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POLOXAMER 234	POLOXAMER 234	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 235	POLOXAMER 235	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 237	POLOXAMER 237	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 238	POLOXAMER 238	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLOXAMER 282	POLOXAMER 282		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 284	POLOXAMER 284		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 288	POLOXAMER 288		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 331	POLOXAMER 331		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLOXAMER 333	POLOXAMER 333		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 334	POLOXAMER 334		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 335	POLOXAMER 335		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 338	POLOXAMER 338		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLOXAMER 401	POLOXAMER 401		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 402	POLOXAMER 402		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 403	POLOXAMER 403		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
POLOXAMER 407	POLOXAMER 407		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: aldehydes, formic acid, acetic acid, 1,4-dioxane, residual ethylene oxide, and residual propylene oxide	
Poly(methylene), .alpha.,.omega. bis[[[(aminoiminomethyl)amino ]iminomethyl]amino]-, dihydrochloride			(*) The European Commission restricts this ingredient to a maximum concentration of 0.30%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
Poly(oxy-1,2-ethanediyl), .alpha;. (4-nonylphenyl)omega; hydroxy-,branched	Poly(oxy-1,2- ethanediyl), .alpha;(4- nonylphenyl)- .omega;hydroxy- ,branched		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLY(OXY-1,2-ETHANEDIYL), .ALPHA;(NONYLPHENYL)- .OMEGA;HYDROXY-, BRANCHED	Poly(oxy-1,2- ethanediyl), .alpha; (nonylphenyl)- .omega;hydroxy-, branched		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLY(OXY-1,2-ETHANEDIYL), .ALPHA;(OCTYLPHENYL)- .OMEGA;HYDROXY-, BRANCHED	Poly(oxy-1,2- ethanediyl), .alpha; (octylphenyl)- .omega;hydroxy-, branched		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLY(OXY-1,2-ETHANEDIYL), ALPHA-ISODECYL-OMEGA- HYDROXY-	Poly(Oxy-1,2- Ethanediyl), Alpha- Isodecyl-Omega- Hydroxy-		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLY(OXY-1,2-ETHANEDIYL), ALPHA,ALPHA'- ((OCTADECYLIMINO)DI-2,1- ETHANEDIYL)BIS(OMEGA- HYDROXY-	Poly(Oxy-1,2- Ethanediyl), Alpha,alpha'- ((Octadecylimino) di-2,1- Ethanediyl)bis(O mega-Hydroxy-		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLY(OXY-1,2-ETHANEDIYL), ALPHA,ALPHA',ALPHA'',ALPHA' "-(1,2- ETHANEDIYLBIS(NITRILODI-2,1-	Poly(Oxy-1,2- Ethanediyl), Alpha,alpha',alpha' ',alpha'''-(1,2- Ethanediylbis(Nitri lodi-2,1-		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYACRLYAMIDE C 13-14 ISOPARAFFIN LAURETH-7	Polyacrlyamide C 13-14 Isoparaffin Laureth-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYACRYAMIDE/ ISOPARRAFIN/ LAURETH-7	Polyacryamide/ Isoparrafin/ Laureth-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYACRYLAMIDE	POLYACRYLAMID E		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYACRYLAMIDE	POLYACRYLAMID E		The Cosmetic Ingredient Review restricts the acrylamide monomer conent of this ingredient to a maximum concentration of 5 ppm.	
POLYACRYLATE-10	POLYACRYLATE- 10		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	

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POLYACRYLATE-11	POLYACRYLATE- 11		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYACRYLATE-13	POLYACRYLATE- 13		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYACRYLATE-2	POLYACRYLATE-2	31759-42-9	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYACRYLATE-7	POLYACRYLATE-7	243140-33-2	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYAMINO SUGAR CONDENSATE	POLYAMINO SUGAR CONDENSATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
POLYAMINOPROPYL BIGUANIDE	POLYAMINOPRO PYLBIGUANIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinse-off products (not applied to mucosa).	
POLYAMINOPROPYL BIGUANIDE	POLYAMINOPRO PYLBIGUANIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLYAMINOPROPYL BIGUANIDE	POLYAMINOPRO PYLBIGUANIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in leave-on products (not applied to mucosa).	
POLYAMINOPROPYL BIGUANIDE	POLYAMINOPRO PYL BIGUANIDE		The European Commission restricts this ingredient up to a maximum concentration of 0.30%	
Polycaprylylsilsesquioxane			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.005%	
POLYDIMETHYLSILOXY PEG/PPG-24/19 BUTYL ETHER SILSESQUIOXANE	Polydimethylsilox y Peg/ppg-24/19 Butyl Ether Silsesquioxane	68554-65-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYDIMETHYLSILOXY PEG/PPG-24/19 BUTYL ETHER SILSESQUIOXANE	Polydimethylsilox y Peg/ppg-24/19 Butyl Ether Silsesquioxane		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.023%	
POLYETHYLENE BEADS	Polyethylene Beads		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYETHYLENE GLYCOL	Polyethylene Glycol	25322-68-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLYETHYLENE GLYCOL MONOSTEARATE 1000	Polyethylene Glycol Monostearate 1000		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Polyethylene glycol octylphenol ether;	Polyethylene Glycol Octylphenol Ether;		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Polyethylene glycol octylphenol ether;	Polyethylene Glycol Octylphenol Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYETHYLENE HDI/ TRIMETHYLOL HEXYLLACTONE CROSSPOLYMER	Polyethylene Hdi/ Trimethylol Hexyllactone Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYETHYLENE HYDROXYETHYLCELLULOSE	Polyethylene Hydroxyethylcellul ose		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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POLYETHYLENE POLYGLYCERYL-4 ISOSTEARATE	Polyethylene Polyglyceryl-4 Isostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYETHYLENE/ISOPROPYL MALEATE/MA COPOLYOL	Polyethylene/isopr opyl Maleate/ma Copolyol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Polyethyleneglycol isotridecyl Ether	Polyethyleneglyco I Isotridecyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Polyethyleneimine ethoxylates	Polyethyleneimine Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Polyethyleneimine Propoxyethoxylate	Polyethyleneimine Propoxyethoxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLYGLYCERYL-2-PEG-4 STEARATE	Polyglyceryl-2- Peg-4 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYGLYCERYL-20 OCTAISONONANOATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
POLYGLYCERYL-4-PEG-2 COCAMIDE	Polyglyceryl-4- Peg-2 Cocamide		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYMETHYLSILSESQUIOXAN E			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 55%	
POLYOX PEG 7M	Polyox Peg 7m		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Polyoxyethylene Castor Oil	Polyoxyethylene Castor Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLYOXYETHYLENE CETYL STEARYL DIETHER	Polyoxyethylene Cetyl Stearyl Diether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYOXYETHYLENE GLYCOL DIMERCAPTOACETATE	Polyoxyethylene Glycol Dimercaptoacetat e		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYOXYETHYLENE POLYOXYPROPYLENE GLYCOL	Polyoxyethylene Polyoxypropylene Glycol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYOXYETHYLENELAURYLE THER810EO			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 2%.	
POLYOXYMETHYLENE UREA	POLYOXYMETHYL ENE UREA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% of free formaldehyde. Additionally, this ingredient may not be used in aerosol products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLYPERFLUOROETHOXYMET HOXY DIFLUOROETHYL PEG DIISOSTEARATE	Polyperfluoroetho xymethoxy Difluoroethyl Peg Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYPERFLUOROETHOXYMET HOXY DIFLUOROETHYL PEG ETHER	Polyperfluoroetho xymethoxy Difluoroethyl Peg Ether	88645-29-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYPERFLUOROETHOXYMET HOXY DIFLUOROETHYL PEG ETHER DIISOSTEARATE	Polyperfluoroetho xymethoxy Difluoroethyl Peg Ether Diisostearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYPERFLUOROETHOXYMET HOXY DIFLUOROETHYL PEG PHOSPHATE	Polyperfluoroetho xymethoxy Difluoroethyl Peg Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYPERFLUOROETHOXYMET HOXY PEG-2 PHOSPHATE	Polyperfluoroetho xymethoxy Peg-2 Phosphate	162567-74-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLYPROPYLSILSESQUIOXAN E	Polypropylsilsesqu ioxane		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
POLYQUATERNIUM-10	POLYQUATERNIU M-10		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
POLYQUATERNIUM-11	POLYQUATERNIU M-11		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
POLYQUATERNIUM-15	POLYQUATERNIU M-32	35429-19-7	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-15	POLYQUATERNIU M-15	35429-19-7	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-15	POLYQUATERNIU M-15	35429-19-7	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-15	POLYQUATERNIU M-15	35429-19-7	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-32	POLYQUATERNIU M-32	35429-19-7	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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POLYQUATERNIUM-32	POLYQUATERNIU M-32	35429-19-7	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-32	POLYQUATERNIU M-32	35429-19-7	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-33	POLYQUATERNIU M-33	69418-26-4	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-39	Polyquaternium- 39	25136-75-8	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-43	POLYQUATERNIU M-43		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-5	POLYQUATERNIU M-5	26006-22-4	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-53	POLYQUATERNIU M-53	84647-38-1	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POLYQUATERNIUM-63	POLYQUATERNIU M-63		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-7	POLYQUATERNIU M-7	26590-05-6	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POLYQUATERNIUM-7	POLYQUATERNIU M-7		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4%	
POLYSILICONE-13		158451-77-5	The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
POLYSILICONE-13		158451-77-5	The European Commission restricts this substance as traces in ingredients and cannot exceed a concentration of 0.1%.	
POLYSILICONE-15	Dimethicodiethylb enzalmalonate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
POLYSILICONE-15	Dimethicodiethylb enzalmalonate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in products meant to be applied to the mucosa.	
POLYSILICONE-15	Dimethicodiethylb enzalmalonate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POLYSILICONE-2	Polysilicone-2		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe in cosmetics when used as surface modifiers (i.e. encapsulating metal oxides), and there is insufficient data to determine the safety of these ingredients when used independently or for other functions.	
POLYSILICONE-4	Polysilicone-4		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe in cosmetics when used as surface modifiers (i.e. encapsulating metal oxides), and there is insufficient data to determine the safety of these ingredients when used independently or for other functions.	
POLYSILICONE-5	Polysilicone-5		(*) The Cosmetic Ingredient Review has determined that this ingredient is safe in cosmetics when used as surface modifiers (i.e. encapsulating metal oxides), and there is insufficient data to determine the safety of these ingredients when used independently or for other functions.	
POLYSORBATE-20	POLYSORBATE- 20	9005-64-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POLYSORBATE-40	PEG-80 SORBITAN PALMITATE	9005-66-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYSORBATE-40	POLYSORBATE- 40	9005-66-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYSORBATE-60	POLYSORBATE- 60	9005-67-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYSORBATE-80	POLYSORBATE- 80	9005-65-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POLYSORBATE-85	Peg-2 Sorbitan Trioleate	9005-70-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POLYURETHANE-1	Polyurethane-1		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 15%	
POLYURETHANE-10	Polyurethane-10		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
POLYURETHANE-11	Polyurethane-11		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 5%	
POLYURETHANE-14	Polyurethane-14		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
POLYURETHANE-15	Polyurethane-15		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.2%	
POLYURETHANE-16	Polyurethane-16		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.98%	
POLYURETHANE-17	POLYURETHANE- 17	347175-78-4	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
POLYURETHANE-18	POLYURETHANE- 18		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.8%	
POLYURETHANE-2	Polyurethane-2		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 9%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POLYURETHANE-21	POLYURETHANE- 21		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
Polyurethane-24			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
Polyurethane-33			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 8%	
Polyurethane-34			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
Polyurethane-35			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 7%	
POLYURETHANE-46			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.2%	
POLYURETHANE-6	Polyurethane-6		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 6%	
POLYVINYL ALCOHOL	Polyvinyl alcohol	9002-89-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POLYVINYL CHLORIDE	Polyvinyl Chloride	9002-86-2	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
PONCEAU SX	FD&C Red 4	4548-53-2	The European Commission banned the use of this substance in 2009.	
PONCEAU SX	AKA504	4548-53-2	The European Commission banned the use of this substance in 2009.	
POPULUS TREMULOIDES BARK EXTRACT [based on the component: SALICYLIC ACID]	Salicylic acid	69-72-7	The European Commission restricts this ingredient to a maximum concentration of 3% in rinse-off hair products and 2% in all other products.	The European Commission requires the following warning text on the label/package: - 'Not to be used in preparations for children under 3 years of age, except for shampoos'
POPULUS TREMULOIDES BARK EXTRACT [based on the component: SALICYLIC ACID]	Salicylic acid	69-72-7	The European Commission restricts this ingredient to a maximum concentration of 3% in rinse-off hair products and 2% in all other products.	The European Commission requires the following warning text on the label/package: - 'Not to be used in preparations for children under 3 years of age, except for shampoos'
POPULUS TREMULOIDES BARK EXTRACT [based on the component: SALICYLIC ACID]	SALICYLICACID	69-72-7	Health Canada restricts this ingredient to a maximum concentration of 2%.	
POPULUS TREMULOIDES BARK EXTRACT [based on the component: SALICYLIC ACID]	SALICYLICACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.2%.	
PORPHYRIDIUM/ZINC FERMENT	PORPHYRIDIUM/Z INC FERMENT		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
POTASSIUM ACETATE	POTASSIUM ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
POTASSIUM ACRYLATES/ C10- 30 ALKYL ACRYLATE CROSSPOLYMER	Potassium Acrylates/C10-30 Alkyl Acrylate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.3%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM ACRYLATES/ACRYLAMIDE COPOLYMER	POTASSIUM ACRYLATES/ACR YLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
POTASSIUM ASCORBYL TOCOPHERYL PHOSPHATE	POTASSIUM ASCORBYL TOCOPHERYL PHOSPHATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.02%.	
POTASSIUM ASCORBYLBORATE	POTASSIUM ASCORBYLBORAT E		The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'
POTASSIUM BENZOATE	POTASSIUM BENZOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.0003%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM BORATE	POTASSIUM BORATE	1332-77-0	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products, 18% (as boric acid) in bath products, and 8% (as boric acid) in hair products. For all other products, the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Not to be used for children under 3 years of age'. Lastly, for hair products, the following warning is required: - 'Rinse well'.
POTASSIUM BROMATE	potassium bromate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10.17% calculated as sodium bromate.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM BROMATE	POTASSIUMBROM ATE			Health Canada requires that the product is packaged in a child-resistant container. Additionally, the following warning text are required on the package/label of products containing at least 50 mg of potassium bromate: - 'This product contains potassium bromate, is poisonous, and is to be kept out of the reach of children. In case of accidental ingestion, a Poison Control Centre or physician is to be contacted immediately'.
POTASSIUM CHLORATE	potassium chlorate		The European Commission restricts this ingredient to a maximum concentration of 5% in toothpastes and 3% in all other products.	
POTASSIUM CHLORATE	potassium chlorate		The European Commission restricts this ingredient to a maximum concentration of 5% in toothpastes and 3% in all other products.	
POTASSIUM CITRATE	POTASSIUM CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.6%.	
POTASSIUM COCOYL GLUTAMATE	Potassium cocoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 12%	
POTASSIUM COCOYL GLYCINATE	Potassium Cocoyl Glycinate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 39%	
POTASSIUM COCOYL HYDROLIZED COLLAGEN			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM DECETH-4 PHOSPHATE	Potassium Deceth- 4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM DIMETHICONE PEG-7 PANTHENYL PHOSPHATE	Potassium Dimethicone Peg- 7 Panthenyl Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM DIMETHICONE PEG-7 PHOSPHATE	Potassium Dimethicone Peg- 7 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM FLUORIDE	potassium fluoride	7789-23-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM FLUORIDE	potassium fluoride	7789-23-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
POTASSIUM FLUORIDE	potassium fluoride	7789-23-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM FLUOROSILICATE	POTASSIUM FLUOROSILICATE	16871-90-2	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
POTASSIUM FLUOROSILICATE	POTASSIUM FLUOROSILICATE	16871-90-2	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM FLUOROSILICATE	POTASSIUM FLUOROSILICATE	16871-90-2	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
POTASSIUM FRUCTOBORATE	POTASSIUM FRUCTOBORATE		The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM GLYCYRRHETINATE	POTASSIUM GLYCYRRHETINAT E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides/PCB, toxic metals, and heavy metals.	
POTASSIUM HYDROXIDE	Potassium hydroxide	1310-58-3	The European Commission restricts this ingredient to a maximum concentration of 5% in nail cuticle solvent, 2% in general use hair straighteners, and 4.5% in professional use hair straighteners (The quantity of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In cases of mixtures, the sum should not exceed the limits given 'Maximum concentration in ready for use preparation'). The European Commission also restricts final formulation pH up to 12.7 as a pH adjuster for depilatories and up to 11 for other uses.	The European Commission requires the following warning text on the product label/package of nail cuticle solvents and general use hair straighteners: - 'Contains alkali'; - 'Avoid contact with eyes'; - 'Can cause blindness'; - 'Keep out of reach of children'. For professional use hair straighteners, the following are required: - 'Avoid contact with eyes'; - 'Can cause blindness'. Lastly, as a pH adjuster for depilatories, the following are required on the label: - 'Keep out of reach of children'; - 'Avoid contact with eyes'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM HYDROXIDE	Potassium hydroxide	1310-58-3	The European Commission restricts this ingredient to a maximum concentration of 5% in nail cuticle solvent, 2% in general use hair straighteners, and 4.5% in professional use hair straighteners (The quantity of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In cases of mixtures, the sum should not exceed the limits given 'Maximum concentration in ready for use preparation'). The European Commission also restricts final formulation pH up to 12.7 as a pH adjuster for depilatories and up to 11 for other uses.	The European Commission requires the following warning text on the product label/package of nail cuticle solvents and general use hair straighteners: - 'Contains alkali'; - 'Avoid contact with eyes'; - 'Can cause blindness'; - 'Keep out of reach of children'. For professional use hair straighteners, the following are required: - 'Avoid contact with eyes'; - 'Can cause blindness'. Lastly, as a pH adjuster for depilatories, the following are required on the label: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
POTASSIUM HYDROXIDE	Potassium hydroxide		(*) The Cosmetic Ingredient Review has determined that users should minimize skin contact for hair straighteners and depilatories that contain this ingredient.	
POTASSIUM LAURETH PHOSPHATE	Potassium Laureth Phosphate	68954-87-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM LAURETH-10 CARBOXYLATE	Potassium Laureth 10 Carboxylate	-	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM LAURETH-3 CARBOXYLATE	Potassium Laureth- 3 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM LAURETH-4 CARBOXYLATE	Potassium Laureth- 4 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM LAURETH-5 CARBOXYLATE	Potassium Laureth- 5 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM LAURETH-6 CARBOXYLATE	Potassium Laureth- 6 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM LAUROYL WHEAT AMINO ACIDS	potassium lauroyl wheat amino acids		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.7%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM METABISULFITE	POTASSIUM METABISULFITE	4429-42-9	The European Commission restricts this ingredient to a maximum concentration of 0.67% (as free SO2) in oxidative hair dyes, 6.7% (as free SO2) in hair straightening products, 0.45% (as free SO2) in self-tanning face products, and 0.40% (as free SO2) in other self- tanning products. For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	
POTASSIUM MONOFLUOROPHOSPHATE	POTASSIUM MONOFLUOROP HOSPHATE	14104-28-0	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM MONOFLUOROPHOSPHATE	POTASSIUM MONOFLUOROP HOSPHATE	14104-28-0	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
POTASSIUM MONOFLUOROPHOSPHATE	POTASSIUM MONOFLUOROP HOSPHATE	14104-28-0	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains potassium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
POTASSIUM MYRISTATE	POTASSIUM MYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
POTASSIUM MYRISTOYL GLUTAMATE	Potassium Myristoyl Glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 27%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM OCTOXYNOL-12 PHOSPHATE	POTASSIUM OCTOXYNOL-12 PHOSPHATE	68891-73-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.05%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: 1,4-dioxane and ethylene oxide.	
Potassium or sodium hydroxide		13105831310- 73-2	(*) The European Commission restricts this ingredient to a maximum concentration of 5% in nail cuticle solvent, 2% in general use hair straightener, 4.5% in professional use hair straightener, and 1.5% in callosity removers. Additionally, the ingredient may be used as a pH adjuster for depilatories up to pH 12.7, and up to pH 11 as a pH adjuster in other uses.	(*) The European Commission requires the following on the product label/package of nail cuticle solvents and hair straighteners: 'Contains alkali. Avoid contact with eyes. Can cause blindness. Keep out of reach of children'. Professional use hair straighteners require the following text: 'For professional use only. Avoid contact with eyes. Can cause blindness.' For pH adjusters for depilatories, the following are required: 'Keep out of reach of children. Avoid contact with eyes'
POTASSIUM PALM KERNELATE	POTASSIUM PALM KERNELATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 30%	
POTASSIUM PALMATE	POTASSIUM PALMATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
POTASSIUM PCA	POTASSIUM PCA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	Potassium Peg-50 Hydrogenated Castor Oil Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM PERSULFATE	POTASSIUM PERSULFATE	7727-21-1	The Cosmetic Ingredient Review restricts the use of this ingredient to hair colorants and hair lighteners designed for brief discontinuous use followed by thorough rinsing. the available data are insufficient for determining the safety of these persulfates in leave-on products and dentifrices	
POTASSIUM SALICYLATE	POTASSIUM SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
POTASSIUM SORBATE	POTASSIUM SORBATE	24634-61-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
POTASSIUM STEARATE	POTASSIUM STEARATE	593-29-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	
POTASSIUM SULFIDE	potassium sulfide	1312-73-8	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM SULFIDE	POTASSIUMSULFI DE	1312-73-8	Health Canada restricts this ingredient to a maximum concentration of 2% (sulfur) in depilatory products.	
POTASSIUM SULFITE	POTASSIUM SULFITE	10117-38-1	The European Commission restricts this ingredient to a maximum concentration of 0.67% (as free SO2) in oxidative hair dyes, 6.7% (as free SO2) in hair straightening products, 0.45% (as free SO2) in self-tanning face products, and 0.40% (as free SO2) in other self- tanning products. For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	
POTASSIUM THIOGLYCOLATE	POTASSIUM THIOGLYCOLATE	34452-51-2	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM THIOGLYCOLATE	POTASSIUM THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% (as thioglycolic acid) in hair straighteners, permanent waves, tonics, dressings, wave sets, other non-coloring hair products, and hair dyes and colors.	
POTASSIUM TRIDECETH-15 CARBOXYLATE	Potassium Trideceth-15 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM TRIDECETH-19 CARBOXYLATE	Potassium Trideceth-19 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM TRIDECETH-3 CARBOXYLATE	Potassium Trideceth-3 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM TRIDECETH-4 CARBOXYLATE	Potassium Trideceth-4 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
POTASSIUM TRIDECETH-6 PHOSPHATE	Potassium Trideceth-6 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM TRIDECETH-7 CARBOXYLATE	Potassium Trideceth-7 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM TRIDECETH-7 PHOSPHATE	Potassium Trideceth-7 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
POTASSIUM-COCO- HYDROLYZED ANIMIAL PROTIEN			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	
POXYBENZOICACIDESTERSAN DTHEIRSODIUMSALTS			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
PPG-1 CETETH-3 ACETATE	Ppg-1 Ceteth-3 Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PPG-1 TRIDECETH-6	PPG-1 Trideceth-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-1-CETETH-1	PPG-1-Ceteth-1	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-1-CETETH-10	PPG-1-Ceteth-10	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-1-CETETH-20	PPG-1-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-1-CETETH-5	PPG-1-Ceteth-5	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-1-DECETH-6	PPG-1-Deceth-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-1-ISOCETETH-3	Ppg-1-Isoceteth-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-1-PEG-9 LAURYL GLYCOL	Ppg-1-Peg-9 Lauryl Glycol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-1-PEG-9 LAURYL GLYCOL ETHER	Ppg-1-Peg-9 Lauryl Glycol Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-10-CETEARETH-20	PPG-10-Ceteareth- 20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PPG-10-Laureth-7	Ppg-10-Laureth-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-11 STEARYL ETHER	PPG-11 STEARYL ETHER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
PPG-12 BUTETH-16	Ppg-12 Buteth-16		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-12 BUTETH-16	PPG-12-BUTETH- 16		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
PPG-12-PEG-50 LANOLIN	Ppg-12-Peg-50 Lanolin	68458-88-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-12-PEG-65 LANOLIN OIL	Ppg-12-Peg-65 Lanolin Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-13-DECYLTETRADECETH- 24	PPG-13- Decyltetradeceth- 24		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-14 BUTYL ETHER	PPG-14 BUTYL ETHER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 18%	
PPG-14 DECETH-6	Ppg-14 Deceth-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-14 LAURETH-60 ALKYL DICARBAMATE	Ppg-14 Laureth-60 Alkyl Dicarbamate	226994-82-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-14 LAURETH-60 HEXYL DICARBAMATE	Ppg-14 Laureth-60 Hexyl Dicarbamate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-14 LAURETH-60 ISOPHORYL DICARBAMATE	Ppg-14 Laureth-60 Isophoryl Dicarbamate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-15 STEARYL ETHER	PPG-15 STEARYL ETHER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
PPG-15-BUTETH-20	PPG-15-Buteth-20		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 6%	
PPG-15-PEG-11 HYDROGENATED LAURYL ALCOHOL ETHER	Ppg-15-Peg-11 Hydrogenated Lauryl Alcohol Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-17-BUTETH-17	PPG-17-Buteth-17		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
PPG-2 BUTYL ETHER	PPG-2 BUTYL ETHER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 8%	
PPG-2 DIMETHICONE	Ppg-2 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PPG-2 ISOCETETH-20 ACETATE	Ppg-2 Isoceteth- 20 Acetate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-CETEARETH-9	PPG-2-Ceteareth-9		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-CETETH-1	PPG-2-Ceteth-1	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-CETETH-10	PPG-2-Ceteth-10	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-CETETH-20	PPG-2-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-2-CETETH-5	PPG-2-Ceteth-5	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-DECETH-10	PPG-2-Deceth-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-DECETH-12	PPG-2-Deceth-12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-DECETH-15	PPG-2-Deceth-15		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-DECETH-20	PPG-2-Deceth-20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-2-DECETH-3	PPG-2-Deceth-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-DECETH-30	PPG-2-Deceth-30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-DECETH-40	PPG-2-Deceth-40		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-DECETH-50	PPG-2-Deceth-50		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-DECETH-60	PPG-2-Deceth-60		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name CA	AS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-2-DECETH-7	PPG-2-Deceth-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-ISODECETH-12	PPG-2-Isodeceth- 12	5683-77-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-ISODECETH-4	PPG-2-Isodeceth- 4		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-ISODECETH-6	PPG-2-Isodeceth-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-ISODECETH-9	PPG-2-Isodeceth-9		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-2-LAURETH-5	PPG-2-Laureth-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-LAURETH-8	PPG-2-Laureth-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-PEG-11 HYDROGENATED LAURYL ALCOHOL ETHER	PPG-2-PEG-11 Hydrogenated Lauryl Alcohol Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-2-PEG-6 COCONUT OIL ESTERS	Ppg-2-Peg-6 Coconut Oil Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-20-DECYLTETRADECETH- 10	PPG-20- Decyltetradeceth- 10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-20-PEG-20 HYDROGENATED LANOLIN	Ppg-20-Peg-20 Hydrogenated Lanolin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-23-PEG-4 TRIMETHYLOLPROPANE	Ppg-23-Peg-4 Trimethylolpropan e		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-23-STEARETH-34	PPG-23-Steareth- 34		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-24-PEG-21 TALLOWAMINOPROPYLAMINE	Ppg-24-Peg-21 Tallowaminopropy lamine		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-25-LAURETH-25	PPG-25-Laureth- 25	37311-00-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-25-PEG-25 TRIMETHYLOLPROPANE	Ppg-25-Peg-25 Trimethylolpropan e		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-26-BUTETH-26	PPG-26-BUTETH- 26		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	
PPG-28-BUTETH-35	PPG-28-BUTETH- 35		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 22%	
PPG-3 METHYL ETHER	PPG-3 METHYL ETHER		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-3-DECETH-2 CARBOXYLIC ACID	Ppg-3-Deceth-2 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-3-ISODECETH-1	PPG-3-Isodeceth-1		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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PPG-3-LAURETH-10	PPG-3-Laureth-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-3-LAURETH-12	PPG-3-Laureth-12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-3-LAURETH-8	PPG-3-Laureth-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-3-LAURETH-9	PPG-3-Laureth-9		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-3-PEG-6 OLEYL ETHER	PPG-3-PEG-6 Oleyl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-33 BUTYL ETHER	PPG-33 BUTYL ETHER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 10%	
PPG-33-BUTETH-45	PPG-33-Buteth-45		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.03%	
PPG-38-BUTETH-37	PPG-38-Buteth-37		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.8%	
PPG-4 DECETH-6	Ppg-4 Deceth-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4 LAURETH-2	Ppg-4 Laureth-2		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4 LAURETH-5	Ppg-4 Laureth-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4 LAURETH-7	Ppg-4 Laureth-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-4 Laureth-8	Ppg-4 Laureth-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4 OLETH-10 DIMETHICONE	Ppg-4 Oleth-10 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4 TRIDECETH-6	Ppg-4 Trideceth-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4-CETEARETH-12	PPG-4-Ceteareth- 12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4-CETETH-1	PPG-4-Ceteth-1	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-4-CETETH-10	PPG-4-Ceteth-10	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4-CETETH-20	PPG-4-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4-CETETH-5	PPG-4-Ceteth-5	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4-DECETH-4	PPG-4-Deceth-4		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-4-ISODECETH-10	PPG-4-Isodeceth- 10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-4-LAURETH-15	PPG-4-Laureth-15		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-40 BUTYL ETHER			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 74%	
PPG-40-PEG-60 LANOLIN OIL	Ppg-40-Peg-60 Lanolin Oil		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5 CETEARETH-10 PHOSPHATE	Ppg-5 Ceteareth- 10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5 LANOLIN WAX	PPG-5 LANOLIN WAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
PPG-5-BUTETH-5	PPG-5-Buteth-5		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.5%	
PPG-5-CETEARETH-20	Ppg-5-Ceteareth- 20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PPG-5-CETETH-10 PHOSPHATE	Ppg-5-Ceteth-10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-8-Ceteth-5	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-8-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-8-Ceteth-2	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-8-Ceteth-10	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PPG-5-CETETH-20	PPG-8-Ceteth-1	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-4-Ceteth-5	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-4-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-4-Ceteth-10	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-4-Ceteth-1	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-5-CETETH-20	PPG-2-Ceteth-5	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-2-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-2-Ceteth-10	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-2-Ceteth-1	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-1-Ceteth-5	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-5-CETETH-20	PPG-1-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-1-Ceteth-10	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-1-Ceteth-1	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-CETETH-20	PPG-5-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-5-LAURETH-5	PPG-5-Laureth-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-52 BUTYL ETHER	PPG-52 BUTYL ETHER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 23%	
PPG-6 C12-15 PARETH-12	PPG-6 C12-15 Pareth-12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-6 C9-11 PARETH-5	PPG-6 C9-11 Pareth-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-6 DECYLTETRADECETH- 30	Ppg-6 Decyltetradeceth- 30		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-6 TRIDECETH-8	PPG-6 Trideceth-8	3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-6-DECETH-4	Ppg-6-Deceth-4		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-6-DECETH-9	Ppg-6-Deceth-9		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-6-DECYLTETRADECETH-12	PPG-6- Decyltetradeceth- 12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-6-DECYLTETRADECETH- 20	PPG-6- Decyltetradeceth- 20		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-6-LAURETH-3	PPG-6-Laureth-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-65-PEG-5 PENTAERYTHRITYL ETHER	Ppg-65-Peg-5 Pentaerythrityl Ether		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-68-PEG-10 TRIMETHYLOLPROPANE	Ppg-68-Peg-10 Trimethylolpropan e		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-7-BUTETH-10	PPG-7-Buteth-10		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.023%	
PPG-7-BUTETH-4	PPG-7-Buteth-4		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 4%	
PPG-75-PEG-300 HEXYLENE GLYCOL	Ppg-75-Peg-300 Hexylene Glycol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-8 DECETH-6	Ppg-8 Deceth-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG-8-CETETH-1	PPG-8-Ceteth-1	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-8-CETETH-10	PPG-8-Ceteth-10	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-8-CETETH-2	PPG-8-Ceteth-2	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-8-CETETH-20	PPG-8-Ceteth-20	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG-8-CETETH-5	PPG-8-Ceteth-5	9087-53-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PPG/ PEG-18 DIMETHICONE	Ppg/ Peg-18 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG/PEG-10/2 GLYCERYL COCOATE	Ppg/peg-10/2 Glyceryl Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PPG/PEG-2/10 GLYCERYL COCOATE	Ppg/peg-2/10 Glyceryl Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Primary alcohol ethoxylates	Primary Alcohol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PROPANE	propane	74-98-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 24%.	
PROPANOL	PROPYL ALCOHOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
Propellant (Propane & Butane) [based on the component: BUTANE]	Butane	106-97-8	The European Commission bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Propellant (Propane & Butane) [based on the component: BUTANE]	Butane	106-97-8	Health Canada bans this ingredient from use in cosmetics if it contains over 0.1% w/w Butadiene.	
Propellant (Propane & Butane) [based on the component: PROPANE]	propane	74-98-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 24%.	
Propionic acid and its salts			(*) The European Commission restricts this ingredient to a maximum concentration of 2% (acid)	
PROPYL GALLATE	PROPYL GALLATE	121-79-9	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
PROPYL GLYCOTATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
PROPYLENE CARBONATE	propylene carbonate	108-32-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
PROPYLENE GLYCOL CETETH- 3 ACETATE	Propylene Glycol Ceteth-3 Acetate	93385-03-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PROPYLENE GLYCOL CETETH- 3 PROPIONATE	Propylene Glycol Ceteth-3 Propionate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PROPYLENE GLYCOL ISOCETETH-3 ACETATE	Propylene glycol isoceteth-3 acetate	178900-23-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PROPYLENE GLYCOL ISODECETH-12	Propylene Glycol Isodeceth-12		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PROPYLENE GLYCOL ISODECETH-4	Propylene Glycol Isodeceth-4		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PROPYLENE GLYCOL LAURETH-6	Propylene Glycol Laureth-6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PROPYLENE GLYCOL METHYL ETHER	Methoxyisopropan ol	107-98-2	Health Canada bans this ingredient from use in cosmetics if it contains at least 0.5% 2-methoxypropanol.	
PROPYLENE GLYCOL METHYL ETHER ACETATE	METHOXYISOPRO PYLACETATE		Health Canada bans this ingredient from use in cosmetics if it contains at least 0.5% total of 2-methoxypropanol and/or 2-methoxypropyl-1-acetate.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PROPYLENE GLYCOL OLETH-5	Propylene Glycol Oleth-5		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PROPYLIDENE PHTHALIDE	PROPYLIDENE PHTHALIDE	17369-59-4	The European Commission restricts this ingredient to a maximum concentration of 0.01% in non-oral products.	
PROPYLIDENE PHTHALIDE	3- PROPYLIDENEPH THALIDE	17369-59-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in lip products, 0.01% in deodorants/antiperspirants, 0.01% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.01% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.01% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.7% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.01% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
PROPYLPARABEN	Propylparaben	94-13-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.4% when used alone and 0.8% when used with a paraben mixture.	
PRUNUS AMYGDALUS (BITTER ALMOND) EXTRACT [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
PRUNUS AMYGDALUS (BITTER ALMOND) EXTRACT [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.09% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.27% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.14% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.43% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PRUNUS AMYGDALUS (BITTER ALMOND) OIL [based on the component: 2,3-DIHYDRO-2,2,6- TRIMETHYLBENZALDEHYDE]	2,6,6- Trimethylcyclohex- 1,3-dienyl methanal	116-26-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.01% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.01% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.02% in mouthwashes, breath sprays, and toothpastes, 0% in intimate wipes, and baby wipes, 0.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.01% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PRUNUS AMYGDALUS (BITTER ALMOND) OIL [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * L	Labels Must Bear These Warnings
PRUNUS AMYGDALUS (BITTER ALMOND) OIL [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.09% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.27% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.14% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.43% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PRUNUS AMYGDALUS (BITTER ALMOND) PROTEIN [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings	
PRUNUS AMYGDALUS (BITTER ALMOND) PROTEIN [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.09% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.27% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.14% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.43% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PRUNUS AMYGDALUS AMARA (BITTER ALMOND) [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels	ls Must Bear These Warnings
PRUNUS AMYGDALUS AMARA (BITTER ALMOND) [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.09% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.27% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.14% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.43% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PRUNUS AMYGDALUS AMARA (BITTER ALMOND) KERNEL OIL [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
PRUNUS AMYGDALUS AMARA (BITTER ALMOND) KERNEL OIL [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.09% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.27% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.14% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.43% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
PRUNUS AMYGDALUS AMARA (BITTER ALMOND) SEED EXTRACT [based on the component: BENZALDEHYDE]	benzaldehyde	100-52-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.

Substance/Ingredient Alternative na	me CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
PRUNUS AMYGDALUS AMARA (BITTER ALMOND) SEED EXTRACT [based on the component: BENZALDEHYDE]	9 100-52-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.02% in deodorants/antiperspirants, 0.09% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.27% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.14% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.43% in mouthwashes, breath sprays, and toothpastes, 0.05% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 3% in bath products (bar and liquid soap, bath gels, body

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PRUNUS AMYGDALUS DULCIS (SWEET ALMOND) [based on the component: 2,3-DIHYDRO- 2,2,6- TRIMETHYLBENZALDEHYDE]	2,6,6- Trimethylcyclohex- 1,3-dienyl methanal	116-26-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.01% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.01% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.02% in mouthwashes, breath sprays, and toothpastes, 0% in intimate wipes, and baby wipes, 0.01% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.01% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
PRUNUS ARMENIACA (APRICOT) KERNEL OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 89%	
PRUNUS AVIUM (WILD CHERRY) SEED OIL	PRUNUS AVIUM (SWEET CHERRY) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.02%.	
PRUNUS DOMESTICA (PLUM) SEED EXTRACT	PRUNUS DOMESTICA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.04%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PRUNUS DOMESTICA (PLUM) SEED OIL	PRUNUS DOMESTICA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.04%	
PRUNUS PERSICA (PEACH) KERNEL OIL	PRUNUS PERSICA (PEACH) KERNEL OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 22%	
PUMPKIN SEED OIL PEG-8 ESTERS	Pumpkin Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
PUNICA GRANATUM (POMEGRANATE) SEED OIL	PUNICA GRANATUM SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
PVM/ MA COPOLYMER	PVM/MA COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 13%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PVP-HYDROGEN PEROXIDE	PVP-HYDROGEN PEROXIDE	135927-36-5	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - ''Avoid contact
PYRETHRINS	Pyrethrins		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
PYRIDINE, ALKYL DERIVS.	Pyridine, alkyl derivs.	68391-11-7	The European Commission bans this ingredient from use in cosmetics if its benzene content is over 0.1%.	
PYROMELLITIC GLYCIDYL DIMETHACRYLATE			The Cosmetic Ingredient Review restricts the use of this ingredient to nail enhancement products when skin contact is avoided. Additionally, products containing this ingredient should be accompanied with directions to avoid skin contact.	
PYROPHYLLITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
QUATERNIUM-10	STEARTRIMONIU M CHLORIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.25% in leave-on products.	
QUATERNIUM-15	Quaternium-15	4080-31-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
QUATERNIUM-15	Methenamine 3- chloroallylochlorid e	4080-31-3	(*) The European Commission restricts this ingredient to a maximum concentration of 0.20%	
QUATERNIUM-18	QUATERNIUM-18		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
QUATERNIUM-18 BENTONITE	QUATERNIUM-18 BENTONITE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
QUATERNIUM-18 BENTONITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
QUATERNIUM-18 HECTORITE	QUATERNIUM-18 HECTORITE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products.	
QUATERNIUM-18 HECTORITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
QUATERNIUM-22	QUATERNIUM-22		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
QUATERNIUM-26	QUATERNIUM-26		The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
QUATERNIUM-53	Quaternium-53		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
QUILLAJA SAPONARIA (SOAPBARK) BARK	Quillaja Bark		EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
QUININE	QUININE	130-95-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% (as quinine base) in hair rinse- off products and 0.2% (as quinine base) in hair leave-on products.	
QUININE	QUININE	130-95-0	The European Commission restricts this ingredient to a maximum concentration of 0.5% (as quinine base) in hair rinse- off products and 0.2% (as quinine base) in hair leave-on products.	
RAPESEED OIL PEG-20 ESTERS	Rapeseed Oil Peg- 20 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
RAPESEED OIL PEG-3 ESTERS	Rapeseed Oil Peg- 3 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RASPBERRY SEED OIL PEG-8 ESTERS	Raspberry Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
RED CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
RED PETROLATUM	PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
RED PETROLATUM	WHITE PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
RED PETROLATUM	RED PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	

RESORCINOL Resorcinol 108-46-3 The European Commission restricts this The European Commission requirements to a maximum concentration following on the product label/	ubstance/Ingredient	ce/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
of 125% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes, and 0.5% in hair lotions and shampoos. 0.5% i	ESORCINOL	INOL	Resorcinol	108-46-3	The European Commission restricts this ingredient to a maximum concentration of 1.25% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes, and 0.5% in hair lotions and shampoos.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
RESORCINOL	Resorcinol	108-46-3	The European Commission restricts this ingredient to a maximum concentration of 1.25% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes, and 0.5% in hair lotions and shampoos.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have experienced a reaction to a temporary 'black henna' tattoo in the past.' The European commission requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RESORCINOL	Resorcinol	108-46-3	The European Commission restricts this ingredient to a maximum concentration of 1.25% applied to hair or eyelashes after mixing under oxidative conditions in oxidative hair dyes and products intended for coloring eyelashes, and 0.5% in hair lotions and shampoos.	The European Commission requires the following on the product label/package of oxidative hair dyes: - The mixing ratio; - 'Hair colorants can cause severe allergic reactions.'; - 'Read and follow instructions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Do not colour your hair if: — you have a rash on your face or sensitive, irritated and damaged scalp, — you have ever experienced any reaction after colouring your hair, — you have ever experienced any requires the following on the product label/package of products intended for coloring eyelashes: - The mixing ratio; - 'For professional use only.'; - 'Hair colorants can cause severe allergic reactions.'; - 'This product is not intended for use on persons under the age of 16.'; - 'Temporary 'black henna' tattoos may increase your risk of allergy.'; - 'Eyelashes shall not be coloured if the consumer: — has a rash on the face or sensitive, irritated and damaged scalp, — has experienced any
RESORCINOL	Resorcinol	108-46-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RESORCINOL	Resorcin		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RETINOIC ACID	retinyl palmitate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RETINOIC ACID	RETINYLPALMITA TE	79-81-2	Health Canada restricts this ingredient to a maximum concentration of 1.83%.	
RETINOL (VITAMIN A)	Retinol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RETINOL (VITAMIN A)	retinyl palmitate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RETINOL (VITAMIN A)	Retinol	68-26-8	Health Canada restricts this ingredient to a maximum concentration of 1% (as retinol equivalents).	
RETINOL (VITAMIN A)	RETINYLPALMITA TE	79-81-2	Health Canada restricts this ingredient to a maximum concentration of 1.83%.	
RETINOL/GLYCOLIC ACID POLYMER	Retinol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RETINOL/GLYCOLIC ACID POLYMER	Glycolic Acid	79-14-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 at final formulation when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RETINOL/GLYCOLIC ACID POLYMER	GLYCOLICACID	79-14-1	Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
RETINOL/GLYCOLIC ACID POLYMER	Retinol	68-26-8	Health Canada restricts this ingredient to a maximum concentration of 1% (as retinol equivalents).	
RETINYL ACETATE (VITMIN A ACETATE)	Retinol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RETINYL ACETATE (VITMIN A ACETATE)	retinyl palmitate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RETINYL ACETATE (VITMIN A ACETATE)	Retinol	68-26-8	Health Canada restricts this ingredient to a maximum concentration of 1% (as retinol equivalents).	
RETINYL ACETATE (VITMIN A ACETATE)	RETINYLACETATE	127-47-9	Health Canada restricts this ingredient to a maximum concentration of 1.15%.	
RETINYL ACETATE (VITMIN A ACETATE)	RETINYLPALMITA TE	79-81-2	Health Canada restricts this ingredient to a maximum concentration of 1.83%.	
RETINYL LINOLEATE	Retinol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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RETINYL LINOLEATE	Retinol	68-26-8	Health Canada restricts this ingredient to a maximum concentration of 1% (as retinol equivalents).	
RETINYL PALMITATE (VITAMIN A PALMITATE)	retinyl palmitate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RETINYL PALMITATE (VITAMIN A PALMITATE)	RETINYLPALMITA TE	79-81-2	Health Canada restricts this ingredient to a maximum concentration of 1.83%.	
RETINYL PROPIONATE	Retinol		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RETINYL PROPIONATE	Retinol	68-26-8	Health Canada restricts this ingredient to a maximum concentration of 1% (as retinol equivalents).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RHODINOLS	Citronellol	141-25-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.8% in lip products, 1.1% in deodorants/antiperspirants, 4.4% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 13.3% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 7% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 21.4% in mouthwashes, breath sprays, and toothpastes, 2.2% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
RIBES NGRUM (BLACK CURRANT) SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	
RIBES NIGRUM (BLACKCURRANT) SEED OIL	Ribes Nigrum (Black Currant) Seed Oil		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.3%	
RICE BRAN ACID	ORYZA SATIVA (RICE) BRAN ACID		The Cosmetic Ingredient Review restricts this ingredient in that it cannot contain significant levels of pesticide residues or heavy metals.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RICEBRANAMIDE DEA	RICEBRANAMIDE DEA		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
RICEBRANAMIDE DEA	RICEBRANAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
RICHINOLETH-18	Richinoleth-18		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RICINOLEAMIDE DEA	RICINOLEAMIDE DEA	40716-42-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
RICINOLEAMIDE DEA	RICINOLEAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
RICINOLEAMIDE MEA	RICINOLEAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
RICINOLEAMIDOPROPYL BETAINE	ricinoleamidoprop yl betaine	71850-81-2	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
RICINOLEAMIDOPROPYL DIMETHYLAMINE	Ricinoleamidopro pyl dimethylamine	20457-75-4	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
RICINOLETH-40	Ricinoleth-40		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ROSA CANINA (DOG ROSE) FLOWER EXTRACT	Rosa Canina Flower Extract		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.04%	
ROSA CANINA (DOG ROSE) FRUIT EXTRACT	Rosa Canina Fruit Extract		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.25%	
ROSA CANINA (DOG ROSE) FRUIT OIL	ROSA CANINA FRUIT OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 19%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ROSA CANINA (DOG ROSE) FRUIT OIL	ROSA CANINA FRUIT OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 19%	
ROSA CANINA (DOG ROSE) SEED EXTRACT	Rosa Canina Seed Extract		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1.5%	
ROSA CANINA FLOWER	Rosa Canina Flower		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.5%	
ROSA CANINA FRUIT	Rosa Canina Fruit		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.0003%	
ROSA RUBIGINOSA SEED OIL PEG-8 ESTERS	Rosa Rubiginosa Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
ROSE KETONE-3	ROSE KETONE-3	57378-68-4	The European Commission restricts this ingredient to a maximum concentration of 0.02% in non-oral products.	
ROSE KETONE-3	ROSE KETONE-3	57378-68-4	The European Commission restricts this ingredient to a maximum concentration of 0.02% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ROSE KETONE-3	Rose ketones	57378-68-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ROSE KETONE-4	ROSE KETONE-4	23696-85-7	The European Commission restricts this ingredient to a maximum concentration of 0.02% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ROSE KETONE-4	Rose ketones	23696-85-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
ROSE KETONE-5	ROSE KETONE-5	33673-71-1	The European Commission restricts this ingredient to a maximum concentration of 0.02%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ROSE KETONE-5	Rose ketones	33673-71-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
RUBUS CHAMAEMORUS SEED OIL	RUBUS CHAMAMORUS SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.1%	
RUBUS CHAMAMORUS SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
RUBUS IDAEUS (RASPBERRY) SEED OIL	Rubus Idaeus (Raspberry) Seed Oil		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 5%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RUBUS IDEAUS (RASPBERRY) SEED OIL			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
RUTA GRAVEOLENS (RUE) EXTRACT	RUTA GRAVEOLENS (RUE) EXTRACT	84929-47-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
RUTA GRAVEOLENS (RUE) EXTRACT	RUTA GRAVEOLENS (RUE) EXTRACT	84929-47-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
RUTA GRAVEOLENS (RUE) EXTRACT	RUTA GRAVEOLENS (RUE) EXTRACT	84929-47-5	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	
RUTA GRAVEOLENS (RUE) OIL	RUTA GRAVEOLENS (RUE) OIL	8014-29-7	The European Commission restricts this ingredient's furocoumarines content (e.g. trioxysalen (INN), 8- methoxypsoralen, 5-methoxypsoralen) to below 1 mg/kg in sun protection and bronzing products (except for normal content in natural essences used).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
RUTA GRAVEOLENS (RUE) OIL	Rue oil	8014-29-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.15% in leave-on products	
RUTILE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
S-TRIAZINE, 4,6-DIAMINO-2- NONOXY-	S-Triazine, 4,6- Diamino-2-Nonoxy-		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SACCHAROMYCES/ ZINC FERMENT	SACCHAROMYCE S/ ZINC FERMENT		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
SACCHAROMYCES/ZINC/IRON /GERMANIUM/COPPER/ MAGNESIUM/SILICON FERMENT	SACCHAROMYCE S/ZINC/IRON/GER MANIUM/COPPER / MAGNESIUM/SILI CON FERMENT		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
SAFFLOWER SEED OIL PEG-8 ESTERS	Safflower Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SALICYLIC ACID	Salicylic acid	69-72-7	The European Commission restricts this ingredient to a maximum concentration of 3% in rinse-off hair products and 2% in all other products.	The European Commission requires the following warning text on the label/package: - 'Not to be used in preparations for children under 3 years of age, except for shampoos'
SALICYLIC ACID	Salicylic acid	69-72-7	The European Commission restricts this ingredient to a maximum concentration of 3% in rinse-off hair products and 2% in all other products.	The European Commission requires the following warning text on the label/package: - 'Not to be used in preparations for children under 3 years of age, except for shampoos'
SALICYLIC ACID	SALICYLICACID	69-72-7	Health Canada restricts this ingredient to a maximum concentration of 2%.	
SALICYLIC ACID	SALICYLICACID		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.2%.	
Salicylic acid (1) and its salts		6972782435118 917890598667 055421757836 92174-16-5	(*) The European Commission restricts this ingredient to a maximum concentration of 0.5% (acid)	
SALICYLIC ACID, ION(1-)	Salicylate		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1%.	
Salts of benzoic acid other than that listed under reference number 1 and esters of benzoic acid			(*) The European Commission restricts this ingredient to a maximum concentration of 0.5% (acid).	
SAPONIFIED CANNABIS SATIVA (HEMP) OIL	CANNABIDIOL	13956-29-1	FDA restriction on THC concentrations of industrial hemp and derivatives cannot exceed 0.3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SAPONIFIED CANNABIS SATIVA (HEMP) OIL	CANNABIDIOL		This ingredient is prohibited from use in European cosmetic products if it is prepared as an extract or tincture or resin of Cannabis from the flowering or fruiting tops of the cannabis plant. This ingredient may be used in cosmetics when obtained from cannabis, cannabis resin, cannabis extracts and cannabis tinctures originating from the seeds and leaves that are not accompanied with the fruiting tops of the cannabis plant and if the level of THC does not exceed 0.2%.	
SARGASSUM SEA MINERALS	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
SASSAFRAS OFFICINALE BARK/ROOT EXTRACT	SASSAFRAS OFFICINALE BARK/ROOT EXTRACT		The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SASSAFRAS OFFICINALE ROOT OIL	SASSAFRAS OFFICINALE ROOT OIL	8006-80-2	The European Commission restricts this ingredient's safrole content (except for normal content in the natural essences used) to below 100ppm in the finished product, 50 ppm in products for dental and oral hygiene, and is not allowed in toothpastes intended specifically for children.	
SCENTENAL	SCENTENAL	86803-90-9	The European Commission restricts this ingredient to a maximum concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SCENTENAL	Methoxy dicyclopentadiene carboxaldehyde (Scentenal)	86803-90-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 3.6% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
SCLAREOL	SCLAREOL	515-03-7	The International Fragrance Association requires that theingredient has a purity of at least 98%.	
SCLEROCARYA BIRREA SEED OIL	SCLEROCARYA BIRREA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
SCLEROCARYA BIRREA SEED OIL	SCLEROCARYA BIRREA SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SD ALCOHOL 3A	SD ALCOHOL 3-A		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
SEA CLAY	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
SEA CLAY EXTRACT	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
SEBACIC ACID	SEBACIC ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in rinse-off products and 0.03% in leave-in products.	
Secondary alcohol ethoxylates	Secondary Alcohol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Secondary alcohol ethoxylates	Secondary Alcohol Ethoxylates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SELENIUM SULFIDE	Selenium sulfide	56093-45-9	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SELENIUM SULFIDE	Selenium sulfide	56093-45-9	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SELENIUM SULFIDE	Selenium sulfide	7446-34-6	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SELENIUM SULFIDE	Selenium sulfide	7446-34-6	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SELENIUM SULFIDE	Selenium sulfide	7446-34-6	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SELENIUM SULFIDE	Selenium sulfide	7446-34-6	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SELENIUM SULFIDE	SELENIUM(IV) DISULFIDE (1:2)	7488-56-4	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SELENIUM SULFIDE	SELENIUM(IV) DISULFIDE (1:2)	7488-56-4	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SELENIUM(IV) DISULFIDE (1:2)	SELENIUM(IV) DISULFIDE (1:2)	7488-56-4	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SELENIUM(IV) DISULFIDE (1:2)	SELENIUM(IV) DISULFIDE (1:2)	7488-56-4	The European Commission restricts this ingredient to a maximum concentration of 1.0%	The European Commission requires the following warning text on the product label/package: - 'Contains selenium disulphide'; - 'Avoid contact with eyes or damaged skin'
SESAMIDE DEA	SESAMIDE DEA	124046-35-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
SESAMIDE DEA	SESAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SESAMIDOPROPYL BETAINE	SESAMIDOPROPY L BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
SESAMIDOPROPYL DIMETHYLAMINE	Sesamidopropyl dimethylamine		This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
SESAMUM INDICUM (SESAME) SEED OIL UNSAPONIFIABLES			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.03%.	
SHEA BUTTER PEG-32 ESTERS	Shea Butter Peg- 32 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SHEA BUTTER PEG-8 ESTERS	Shea Butter Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SHEA BUTTERAMIDE DEA			The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
SHEA BUTTERAMIDOPROPYL BETAINE	SHEA BUTTERAMIDOPR OPYL BETAINE		The Cosmetic Ingredient Review panel reccomends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% i	
SHELLAC	SHELLAC		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
SILICIC ACID, CALCIUM SALT	Calcium silicate	1344-95-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
SILVER CHLORIDE	Silver chloride deposited on titanium dioxide	7783-90-6	(*) The European Commission restricts this ingredient to a maximum concentration of 0.004% (as AgCl)	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SILVER CITRATE	Silver	7440-22-4	Health Canada restricts this ingredient to a maximum concentration of 0.04% in mouthwashes.	Health Canada requires the following warning text on the package/label of products containing silver and/or its salts: - 'This product contains silver and/ or silver salts'; - 'Avoid contact with broken or abraded skin'.
SILVER COPPER ZEOLITE	SILVERCOPPERZE OLITE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5% in rinse-off products (not applied to mucosa).	
SILVER COPPER ZEOLITE	SILVERCOPPERZE OLITE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
SILVER COPPER ZEOLITE	SILVERCOPPERZE OLITE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5% in leave-on products (not applied to mucosa).	
SILVER NITRATE	silver nitrate	7761-88-8	The European Commission restricts this ingredient to a maximum concentration of 4% in products for coloring eyelashes and eyebrows.	The European Commission requires the following warning text on the product label/package: - 'Contains silver nitrate'; - 'Rinse eyes immediately if product comes into contact with them'
SILVER NITRATE	silver nitrate	7761-88-8	The European Commission restricts this ingredient to a maximum concentration of 4% in products for coloring eyelashes and eyebrows.	The European Commission requires the following warning text on the product label/package: - 'Contains silver nitrate'; - 'Rinse eyes immediately if product comes into contact with them'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SILVER SULFATE	Silver	7440-22-4	Health Canada restricts this ingredient to a maximum concentration of 0.04% in mouthwashes.	Health Canada requires the following warning text on the package/label of products containing silver and/or its salts: - 'This product contains silver and/ or silver salts'; - 'Avoid contact with broken or abraded skin'.
SILYBUM MARIANUM SEED OIL	SILYBUM MARIANUM SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
SIMMONDSIA CHINENSIS (JOJOBA) ALCOHOL	JOJOBA ALCOHOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
SIMMONDSIA CHINENSIS (JOJOBA) BUTTER	SIMMONDSIA CHINENSIS (JOJOBA) BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
SIMMONDSIA CHINENSIS (JOJOBA) OIL PEG-150 ESTERS	Simmondsia Chinensis (jojoba) Oil Peg-150 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SIMMONDSIA CHINENSIS (JOJOBA) OIL PEG-8 ESTERS	Simmondsia Chinensis (jojoba) Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SIMMONDSIA CHINENSIS (JOJOBA) WAX	JOJOBA WAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SIMMONDSIA CHINENSIS (JOJOBA) WAX PEG-120 ESTERS	Simmondsia Chinensis (jojoba) Wax Peg-120 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SIMMONDSIA CHINENSIS (JOJOBA) WAX PEG-80 ESTERS	Simmondsia Chinensis (jojoba) Wax Peg-80 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Sodium 2-[(2- hydroxynaphthyl)azo]naphthale nesulphonate and its insoluble barium, strontium and zirconium lakes, salts and pigments			(*) The European Commission restricts this ingredient to a maximum concentration of 3%.	
Sodium 4-[(2-hydroxy-1- naphthyl)azo]benzenesulphonat e and its unsoluble barium, strontium and zirconium lakes, salts and pigments			(*) The European Commission prohibits the use of this ingredient in eye products.	
SODIUM ACETATE	SODIUM ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
SODIUM ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE/ACRYLAMIDE COPOLYMER	SODIUM ACRYLATE/SODIU M ACRYLOYLDIMET HYL TAURATE/ACRYL AMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	
SODIUM ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE/ACRYLAMIDE COPOLYMER	SODIUM ACRYLATE/SODIU M ACRYLOYLDIMET HYL TAURATE/ACRYL AMIDE COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1.5%	
Sodium Acrylates Crosspolymer 2			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
SODIUM ACRYLATES/ C10-30 ALKYL ACRYLATE CROSSPOLYMER	Sodium Acrylates/C10-30 Alkyl Acrylate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.3%	
SODIUM ACRYLATES/ VINYL ISODECANOATE CROSSPOLYMER	Sodium Acrylates/Vinyl Isodecanoate Crosspolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.55%	
SODIUM ACRYLOYLDIMETHYL TAURATE/ACRYLAMIDE/VP COPOLYMER	SODIUM ACRYLOYLDIMET HYL TAURATE/ACRYL AMIDE/VP COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM ACRYLOYLDIMETHYL TAURATE/ACRYLAMIDE/VP COPOLYMER	SODIUM ACRYLOYLDIMET HYL TAURATE/ACRYL AMIDE/VP COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.65%	
Sodium Acryloyldimethyltaurate/Metha crylamidolauric Acid Copolymer			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.35%	
Sodium Alkyl Aryl Ether Sulfates	Sodium Alkyl Aryl Ether Sulfates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM ALPHA-OLEFIN SULFONATES			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in leave-on products. Additionally, CIR restricts the gamma sultone contents of this ingredient to the following concentrations: 10ppm for unsubstituted alkane sultones, 1ppm for chlorosultones, and 0.1ppm for unsaturated sultones.	
SODIUM ASCORBATE	SODIUM ASCORBATE	134-03-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	
SODIUM ASCORBYL PHOSPHATE	SODIUM ASCORBYL PHOSPHATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
SODIUM ASTROCARYUM MURUMURUATE	SODIUM ASTROCARYUM MURUMURUATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.005%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM BABASSUATE	SODIUM BABASSUATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	
SODIUM BEHENOYL LACTYLATE	SODIUM BEHENOYL LACTYLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%	
SODIUM BENZOATE	Benzoic acid	65-85-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
SODIUM BENZOATE	Sodium benzoate	532-32-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
SODIUM BENZOATE	BENZOIC ACID and BENZOATE		The Japanese Ministry of Health, Labour and Welfare restricts total benzoate to 1% (w/w) and benzoic acid to 0.2% (w/w) of the finished product.	
SODIUM BIFLUORIDE	SODIUMFLUORID E	1333-83-1	Health Canada restricts the use of this ingredient to non-oral products.	
SODIUM BISULFITE	Sodium bisulfite	7631-90-5	The European Commission restricts this ingredient to a maximum concentration of 0.67% (as free SO2) in oxidative hair dyes, 6.7% (as free SO2) in hair straightening products, 0.45% (as free SO2) in self-tanning face products, and 0.40% (as free SO2) in other self- tanning products. For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	
SODIUM BISULFITE	Sodium bisulfite	7631-90-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.7%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM BORATE	SODIUM BORATE	1303-96-4	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products, 18% (as boric acid) in bath products, and 8% (as boric acid) in hair products. For all other products, the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Not to be used for children under 3 years of age'. Lastly, for hair products, the following warning is required: - 'Rinse well'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM BORATE	SODIUM BORATE, ANHYDROUS	1330-43-4	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products, 18% (as boric acid) in bath products, and 8% (as boric acid) in hair products. For all other products, the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Not to be used for children under 3 years of age'. Lastly, for hair products, the following warning is required: - 'Rinse well'.
SODIUM BORATE	SODIUM BORATE	1330-43-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%. Additionally, it may not be used on infant or injured skin.	
SODIUM BORATE	SODIUMBORATE	1303-96-4	Health Canada restricts this ingredient to a maximum concentration of 5%.	Health Canada requires the following warning text on the package/label of products containing at least 0.1% of sodium borate: - 'Do not use on broken or abraded skin'; - 'Not to be used by children under three years of age'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM BORATE, ANHYDROUS	SODIUM BORATE, ANHYDROUS	1330-43-4	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products, 18% (as boric acid) in bath products, and 8% (as boric acid) in bath products. For all other products, the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Not to be used for children under 3 years of age'. Lastly, for hair products, the following warning is required: - 'Rinse well'.
SODIUM BORATE, ANHYDROUS	SODIUM BORATE	1330-43-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%. Additionally, it may not be used on infant or injured skin.	
SODIUM BROMATE	Sodium bromate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10.17%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM BROMATE	SODIUMBROMAT E	7789-38-0		Health Canada requires that the product is packaged in a child-resistant container if it contains at least 600 mg of sodium bromate. Additionally, the following warning text are required on the package/label of products containing at least 600 mg of sodium bromate: - 'This product contains sodium bromate, is poisonous, and is to be kept out of the reach of children. In case of accidental ingestion, a Poison Control Centre or physician is to be contacted immediately'.
SODIUM C11-15 PARETH-7 CARBOXYLATE	Sodium C11-15 Pareth-7 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Sodium C12-14 Amines-tert- Alkylated Ethoxylated Sulfates	Sodium C12-14 Amines-Tert- Alkylated Ethoxylated Sulfates		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM C12-14 OLEFIN SULFONATE	SODIUM C12-14 OLEFIN SULFONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in leave-on products. Additionally, CIR restricts the gamma sultone contents of this ingredient to the following concentrations: 10ppm for unsubstituted alkane sultones, 1ppm for chlorosultones, and 0.1ppm for unsaturated sultones.	
SODIUM C12-15 PARETH-6 CARBOXYLATE	Sodium C12-15 Pareth-6 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM C14-16 OLEFIN SULFONATE	SODIUM C14-16 OLEFIN SULFONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in leave-on products. Additionally, CIR restricts the gamma sultone contents of this ingredient to the following concentrations: 10ppm for unsubstituted alkane sultones, 1ppm for chlorosultones, and 0.1ppm for unsaturated sultones.	
SODIUM C14-18 OLEFIN SULFONATE	SODIUM C14-18 OLEFIN SULFONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in leave-on products. Additionally, CIR restricts the gamma sultone contents of this ingredient to the following concentrations: 10ppm for unsubstituted alkane sultones, 1ppm for chlorosultones, and 0.1ppm for unsaturated sultones.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
SODIUM C16-18 OLEFIN SULFONATE	SODIUM C16-18 OLEFIN SULFONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in leave-on products. Additionally, CIR restricts the gamma sultone contents of this ingredient to the following concentrations: 10ppm for unsubstituted alkane sultones, 1ppm for chlorosultones, and 0.1ppm for unsaturated sultones.
SODIUM CAPROYL/LAUROYL LACTYLATE	SODIUM CAPROYL/LAURO YL LACTYLATE	407 10 0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%
SODIUM CARBONATE	sodium carbonate	497-19-8	determined that this ingredient is safe as used up to a concentration of 25%.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM CARBONATE PEROXIDE	SODIUM CARBONATE PEROXIDE	15630-89-4	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only.	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - ''Avoid contact
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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient SODIUM CARBONATE PEROXIDE [based on the component: HYDROGEN PEROXIDE]	Alternative name Hydrogen peroxide	CAS 7722-84-1	EWG VERIFIED <sup>™</sup> Product Restrictions * The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a	Labels Must Bear These Warnings The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dontal practitioners or
			person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2 present or released, and is	only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'
			permitted for professional use only.	Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For professional use only'; - 'Avoid contact

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
Substance/Ingredient SODIUM CARBONATE PEROXIDE [based on the component: HYDROGEN PEROXIDE]	Alternative name Hydrogen peroxide	CAS 7722-84-1	EWG VERIFIED <sup>™</sup> Product Restrictions * The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a	Labels Must Bear These Warnings The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dontal practitioners or
			person under 18 years of age. Lastly, for products intended for eyelashes, the concentration cannot exceed 2% of H2O2 present or released, and is	only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'
			permitted for professional use only.	Lastly, the following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For professional use only'; - 'Avoid contact

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM CARBONATE PEROXIDE [based on the component: HYDROGEN PEROXIDE]	HYDROGENPERO XIDE	7722-84-1	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
SODIUM CARBONATE PEROXIDE [based on the component: HYDROGEN PEROXIDE]	HYDROGENPERO XIDE	7722-84-1	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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SODIUM CARBONATE PEROXIDE [based on the component: SODIUM CARBONATE]	sodium carbonate	497-19-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
SODIUM CARBOXYDECYL PEG- 8 DIMETHICONE	Sodium Carboxydecyl Peg- 8 Dimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM CETEARETH-13 CARBOXYLATE	Sodium Ceteareth- 13 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM CETEARYL SULFATE	SODIUM CETEARYL SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
SODIUM CETETH-13 CARBOXYLATE	Sodium Ceteth-13 Carboxylate	33939-65-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM CETETH-4 PHOSPHATE	Sodium Ceteth-4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM CETYL SULFATE	SODIUM CETYL SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
SODIUM CHLORATE	sodium chlorate		The European Commission restricts this ingredient to a maximum concentration of 5% in toothpastes and 3% in all other products.	
SODIUM CITRATE	MONOSODIUM CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
SODIUM CITRATE	Sodium Citrate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
SODIUM COCETH SULFATE/ PEG-40 GLYCERYL COCOATE	Sodium Coceth Sulfate/ Peg-40 Glyceryl Cocoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM COCETH-30 SULFATE	Sodium Coceth-30 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM COCO-SULFATE [based on the component: SODIUM LAURYL SULFATE]	SODIUM LAURYL SULFATE	151-21-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in leave-on products.	
SODIUM COCOAMPHOACETATE	sodium cocoamphoacetat e		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 18%.	
SODIUM COCOAMPHOPROPIONATE	COCOAMPHOPR OPIONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM COCOAMPHOPROPIONATE	SODIUM COCOAMPHOPR OPIONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
SODIUM COCOYL AMINO ACIDS	Sodium Cocoyl Amino acids		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
SODIUM COCOYL APPLE AMINO ACIDS	Sodium Cocoyl Apple amino acids		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 3%	
SODIUM COCOYL COLLAGEN AMINO ACIDS	Sodium Cocoyl collagen amino acids		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.02%	
SODIUM COCOYL GLUTAMATE	Sodium cocoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 10%	
SODIUM COCOYL GLYCINATE	Sodium cocoyl glycinate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 20%	
SODIUM COCOYL LACTYLATE	SODIUM COCOYL LACTYLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%	
SODIUM COCOYL SARCOSINATE	SODIUM COCOYL SARCOSINATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, it cannot be used in products where N- nitroso compounds may be formed.	
SODIUM CUMENESULFONATE	SODIUM CUMENESULFON ATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
SODIUM CUMENSULFONATE			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM DECETH SULFATE	SODIUM DECETH SULFATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM DECETH-2 CARBOXYLATE	Sodium Deceth-2 Carboxylate	38815-93-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM DECETH-3 SULFATE	Sodium Deceth-3 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM DEHYDROACETATE	SODIUM DEHYDROACETA TE	4418-26-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.6%.	
SODIUM DICETEARETH-10 PHOSPHATE	Sodium Diceteareth-10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM DICOCOYLETHYLENEDIAMINE PEG-15 STEARATE	Sodium Dicocoylethylened iamine Peg-15 Stearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM DICOCOYLETHYLENEDIAMINE PEG-15 SULFATE	Sodium Dicocoylethylened iamine Peg-15 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM DILAURETH-10 PHOSPHATE	Sodium Dilaureth- 10 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM DILAURETH-4 PHOSPHATE	Sodium Dilaureth- 4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM DILAURETH-7 CITRATE	Sodium Dilaureth- 7 Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM DIMETHICONE PEG-7 ACETYL METHYLTAURATE	Sodium Dimethicone Peg- 7 Acetyl Methyltaurate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM DIOLETH-8 PHOSPHATE	Sodium Dioleth-8 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM EDTA	EDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
SODIUM ERYTHORBATE	SODIUM ERYTHORBATE	6381-77-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
SODIUM ETIDRONATE	SODIUM ETIDRONATE	7414-83-7	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as etidronic acid) in hair products, and 0.2% (as etidronic acid) in soap products.	
SODIUM ETIDRONATE	DISODIUM ETIDRONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to %	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM FLUORIDE	sodium fluoride	7681-49-4	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains sodium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
SODIUM FLUORIDE	sodium fluoride	7681-49-4	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains sodium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM FLUORIDE	sodium fluoride	7681-49-4	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains sodium fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
SODIUM FLUORIDE	sodium fluoride	7681-49-4	Due to fluoride toxicity concerns, this ingredient cannot be used in products marketed for use on babies or children.	
SODIUM FLUOROSILICATE	Sodium Fluorosilicate	16893-85-9	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains sodium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM FLUOROSILICATE	Sodium Fluorosilicate	16893-85-9	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains sodium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
SODIUM FLUOROSILICATE	Sodium Fluorosilicate	16893-85-9	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains sodium fluorosilicate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM FRUCTOBORATE	SODIUM FRUCTOBORATE		The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'
SODIUM GLYCOLATE	SODIUM GLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
SODIUM HEXAMETAPHOSPHATE	SODIUM HEXAMETAPHOS PHATE	10124-56-8	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: lead.	
SODIUM HYALURONATE	SODIUM HYALURONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
SODIUM HYDROGENATED TALLOWOYL GLUTAMATE	Sodium hydrogenated tallowoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.8%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM HYDROXIDE	Sodium hydroxide	1310-73-2	The European Commission restricts this ingredient to a maximum concentration of 5% in nail cuticle solvent, 2% in general use hair straighteners, and 4.5% in professional use hair straighteners (The quantity of sodium, potassium or lithium hydroxide is expressed as weight of sodium hydroxide. In cases of mixtures, the sum should not exceed the limits given 'Maximum concentration in ready for use preparation'). The European Commission also restricts final formulation pH up to 12.7 as a pH adjuster for depilatories and up to 11 for other uses.	The European Commission requires the following warning text on the product label/package of nail cuticle solvents and general use hair straighteners: - 'Contains alkali'; - 'Avoid contact with eyes'; - 'Can cause blindness'; - 'Keep out of reach of children'. For professional use hair straighteners, the following are required: - 'Avoid contact with eyes'; - 'Can cause blindness'. Lastly, as a pH adjuster for depilatories, the following are required on the label: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
SODIUM HYDROXIDE	Sodium hydroxide		(*) The Cosmetic Ingredient Review has determined that users should minimize skin contact for hair straighteners and depilatories that contain this ingredient.	
SODIUM HYDROXYMETHYLGLYCINATE	Sodium hydroxymethylami no acetate	70161-44-3	(*) The European Commission restricts this ingredient to a maximum concentration of 0.50%	
SODIUM ISETHIONATE	Sodium Isethionate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 6%	
SODIUM ISOSTEAROYL LACTYLATE	SODIUM ISOSTEAROYL LACTYLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%	5

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM LACTATE	SODIUM LACTATE	72-17-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 in regular use products. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	
SODIUM LANETH SULFATE	SODIUM LANETH SULFATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH SULFATE	Sodium Laureth-8 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH SULFATE	Sodium Laureth-7 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH SULFATE	Sodium Laureth-5 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAURETH SULFATE	Sodium Laureth- 40 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH SULFATE	Sodium Laureth-12 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH SULFATE	SODIUM LAURETH SULFATE	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH SULFOSUCCINATE	Sodium Laureth Sulfosuccinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-1 SULFATE	Sodium Laureth-1 Sulfate	15826-16-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAURETH-11 CARBOXYLATE	Sodium Laureth-11 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-12 CARBOXYLATE	Sodium Laureth-12 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-12 SULFATE	Sodium Laureth-12 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-8 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-5 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-4 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-3 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-17 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-14 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-12 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-11 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-6 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-13 CARBOXYLATE	Sodium Laureth-13 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-14 CARBOXYLATE	Sodium Laureth-14 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-16 CARBOXYLATE	Sodium Laureth-16 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAURETH-17 CARBOXYLATE	Sodium Laureth-17 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-2 PHOSPHATE	Sodium Laureth-4 Phosphate	42612-52-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-2 PHOSPHATE	Sodium Laureth-2 Phosphate	42612-52-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-2 SULFATE	Sodium Laureth-2 Sulfate	3088-31-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-3 CARBOXYLATE	Sodium Laureth-3 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAURETH-3 SULFATE	Laureth-3 Sodium Sulfate	13150-00-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-4 CARBOXYLATE	Sodium Laureth-4 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-4 PHOSPHATE	Sodium Laureth-4 Phosphate	42612-52-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-40 SULFATE	Sodium Laureth- 40 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-5 CARBOXYLATE	Sodium Laureth-5 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAURETH-5 SULFATE	Sodium Laureth-5 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-6 CARBOXYLATE	Sodium Laureth-6 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-7 SULFATE	Sodium Laureth-7 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-7 TARTRATE	Sodium Laureth-7 Tartrate	141250-42-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-8 CARBOXYLATE	Sodium Laureth-8 Carboxylate	33939-64-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAURETH-8 SUFLATE	Sodium Laureth-8 Suflate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURETH-8 SULFATE	Sodium Laureth-8 Sulfate	9004-82-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM LAURIMINODIPROPIONATE	SODIUM LAURIMINODIPRO PIONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.05% in rinse-off products.	
SODIUM LAUROYL ASPARTATE	Sodium lauroyl aspartate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
SODIUM LAUROYL GLUTAMATE	Sodium lauroyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 40%	
Sodium Lauroyl Isethionate			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 51%	
SODIUM LAUROYL LACTYLATE	Sodium lauroyl lactylate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%	
Sodium Lauroyl Methyl Isethionate	Sodium Lauroyl Methyl Isethionate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when formulated to be nonirritating up to 10%	
SODIUM LAUROYL OAT AMINO ACIDS	Sodium lauroyl oat amino acids		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 5%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM LAUROYL SARCOSINATE	SODIUM LAUROYL SARCOSINATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, it cannot be used in products where N- nitroso compounds may be formed.	
SODIUM LAUROYL SARCOSINATE	SODIUMLAUROYL SARCOSINATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5% in toothpaste.	
SODIUM LAUROYL SARCOSINATE	SODIUMLAUROYL SARCOSINATE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in leave-on products.	
SODIUM LAURYL SULFATE	SODIUM LAURYL SULFATE	151-21-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in leave-on products.	
SODIUM LAURYL SULFOACETATE	SODIUM LAURYL SULFOACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 21%.	
SODIUM MAGNESIUM SILICATE	SODIUM MAGNESIUM SILICATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
SODIUM MALATE	SODIUM MALATE		The Cosmetic Ingredient Review restricts the use of this ingredient as a pH adjuster.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM METABISULFITE	Sodium Metabisulfite	7681-57-4	The European Commission restricts this ingredient to a maximum concentration of 0.67% (as free SO2) in oxidative hair dyes, 6.7% (as free SO2) in hair straightening products, 0.45% (as free SO2) in self-tanning face products, and 0.40% (as free SO2) in other self- tanning products. For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	
SODIUM METABISULFITE	Sodium Metabisulfite	7681-57-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.	
SODIUM METAPHOSPHATE	SODIUM METAPHOSPHAT E	50813-16-6	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: lead.	
SODIUM METASILICATE	SODIUM METASILICATE	6834-92-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.	
SODIUM MONOFLUOROPHOSPHATE	sodium monofluorophosph ate		The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains sodium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM MONOFLUOROPHOSPHATE	sodium monofluorophosph ate		The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains sodium monofluorophosphate'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
SODIUM MONOFLUOROPHOSPHATE	Fluoride	16984-48-8	Health Canada restricts the use of this ingredient to non-oral products.	
SODIUM MONOFLUOROPHOSPHATE	SODIUMMONOFL UOROPHOSPHAT E	10163-15-2	Health Canada restricts the use of this ingredient to non-oral products.	
SODIUM MYRISTATE	SODIUM MYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
SODIUM MYRISTOYL GLUTAMATE	Sodium myristoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 31%	
SODIUM MYRISTOYL SARCOSINATE	SODIUM MYRISTOYL SARCOSINATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, it cannot be used in products where N- nitroso compounds may be formed.	
SODIUM NAPHTHALENESULFONATE	SODIUM NAPHTHALENESU LFONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM NITRITE	sodium nitrite	7632-00-0	The European Commission restricts this ingredient to a maximum concentration of 0.2% as a rust inhibitor and cannot be used with secondary and/or tertiary amines or other substances forming nitrosamines.	
SODIUM NITRITE	sodium nitrite	7632-00-0	The European Commission restricts this ingredient to a maximum concentration of 0.2% as a rust inhibitor and cannot be used with secondary and/or tertiary amines or other substances forming nitrosamines.	
SODIUM NONOXYNOL-1 SULFATE	Sodium Nonoxynol- 1 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM NONOXYNOL-10 SULFATE	Sodium Nonoxynol- 10 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM NONOXYNOL-25 SULFATE	Sodium Nonoxynol- 25 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM NONOXYNOL-3 SULFATE	Sodium Nonoxynol 3 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM NONOXYNOL-4 SULFATE	Sodium Nonoxynol· 4 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM NONOXYNOL-6 PHOSPHATE	Sodium Nonoxynol 6 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM NONOXYNOL-6 SULFATE	Sodium Nonoxynol 6 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM NONOXYNOL-8 SULFATE	Sodium Nonoxynol 8 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM NONOXYNOL-9 PHOSPHATE	Sodium Nonoxynol- 9 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM O-PHENYLPHENATE	SODIUMOPHENYL PHENATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.15% in rinse-off products (not applied to mucosa).	
SODIUM O-PHENYLPHENATE	SODIUMOPHENYL PHENATE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
SODIUM O-PHENYLPHENATE	SODIUMOPHENYL PHENATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.15% in leave-on products (not applied to mucosa).	
SODIUM OCTOXYNOL-2 ETHANE SULFONATE	SODIUM OCTOXYNOL-2 ETHANE SULFONATE	2917-94-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
SODIUM OCTOXYNOL-2 SULFATE	SODIUM OCTOXYNOL-2 SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM OCTOXYNOL-6 SULFATE	SODIUM OCTOXYNOL-6 SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
SODIUM OCTOXYNOL-9 SULFATE	SODIUM OCTOXYNOL-9 SULFATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: ethylene oxide and 1,4- dioxane.	
SODIUM OLETH SULFATE	SODIUM OLETH SULFATE	27233-34-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM OLETH-2 SULFATE	Sodium Oleth-2 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM OLETH-7 PHOSPHATE	Sodium Oleth-8 Phosphate	57486-09-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM OLETH-7 PHOSPHATE	Sodium Oleth-7 Phosphate	57486-09-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM OLETH-8 PHOSPHATE	Sodium Oleth-8 Phosphate	57486-09-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM OLIVATE	SODIUM OLIVATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 18%.	
SODIUM OLIVATE	SODIUM OLIVATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 18%	
SODIUM OXALATE	SODIUM OXALATE	62-76-0	The European Commission restricts this ingredient to a maximum concentration of 5%, and is only allowed in Professional Use products.	The European Commission requires the following warning text on the product label/package: - 'For professional use only.'
SODIUM P-CHLORO-M-CRESOL	SODIUM P- CHLORO-M- CRESOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
SODIUM PALM KERNELATE	SODIUM PALM KERNELATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 44%	
Sodium Palmate			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 68%	
SODIUM PALMOYL GLUTAMATE	Sodium palmoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 22%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM PCA	SODIUM PCA		The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
SODIUM PCA	SODIUM PCA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%	
SODIUM PEG-3 LAURAMIDE CARBOXYLATE	Sodium Peg-3 Lauramide Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM PEG-4 COCAMIDE SULFATE	Sodium Peg-4 Cocamide Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM PEG-4 LAURAMIDE CARBOXYLATE	Sodium Peg-4 Lauramide Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM PEG-4 LAURAMIDE SULFATE	Sodium Peg-4 Lauramide Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM PEG-4 TRIDECYL ETHER SULFATE	Sodium Peg-4 Tridecyl Ether Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	Sodium Peg-50 Hydrogenated Castor Oil Succinate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM PEG-6 COCAMIDE CARBOXYLATE	Sodium Peg-6 Cocamide Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM PEG-7 OLIVE OIL CARBOXYLATE	Sodium Peg-7 Olive Oil Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM PEG-8 COCAMIDE CARBOXYLATE	Sodium Peg-8 Cocamide Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM PEG-8 PALM GLYCERIDES CARBOXYLATE	Sodium Peg-8 Palm Glycerides Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM PERBORATE	SODIUM PERBORATE	15120-21-5	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age. The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM PERBORATE	SODIUMPERBORA TE		Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
SODIUM PERBORATE	SODIUMPERBORA TE		Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM PERBORATE [based	Hydrogen	7722-84-1	The European Commission restricts this	The European Commission requires the
on the component: HYDROGEN	peroxide		ingredient to a maximum concentration	following on the label/package of hair
PEROXIDE]			of 12% of H2O2 (40 volumes, present or	products: - 'Wear suitable gloves'; -
			released) in hair products, 4% of H2O2	'Contains hydrogen peroxide'; - 'Avoid
			(present or released) in skin products,	contact with eyes'; - 'Rinse immediately
			2% of H2O2 (present or released) in nail	if product comes into contact with
			hardening products, 0.1% of H2O2	them'. For skin and nail hardening
			(present or released) in oral products,	products, the following warnings are
			including mouth rinse, tooth paste and	required: '- 'Contains hydrogen
			tooth whitening or bleaching products,	peroxide'; - 'Avoid contact with eyes'; -
			and greater than 0.1% but less than or	'Rinse immediately if product comes
			equal to 6% of H2O2 (present or	into contact with them'. For tooth
			released) in tooth whitening or	whitening or bleaching products: -
			bleaching products. Additionally, the	'Contains hydrogen peroxide'; - 'Avoid
			products with this ingredient can only	contact with eyes'; - 'Rinse immediately
			be sold to dental practitioners, and for	if product comes into contact with
			each cycle of use, the first use must be	them'; - Concentration of H 2O 2
			done by dental practitioners or under	present or released indicated in
			their direct supervision if an equivalent	percentage; - 'Not to be used on a
			level of safety is ensured. Afterwards,	person under 18 years of age'; - 'To be
			the product may be provided to the	only sold to dental practitioners'; - 'For
			consumer to complete the cycle of use.	each cycle of use, the first use to be
			The product cannot to be used on a	only done by dental practitioners or
			person under 18 years of age. Lastly, for	under their direct supervision if an
			products intended for eyelashes, the	equivalent level of safety is ensured.
			concentration cannot exceed 2% of	Afterwards to be provided to the
			H2O2, present or released, and is	consumer to complete the cycle of use'.
			permitted for professional use only.	Lastly, the following must be labled on
				products intended for eyelashes: -
				'Wear suitable gloves'; - "For
				professional use only'; - 'Avoid contact
				with aver /Dince aver immediately if

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM PERBORATE [based	Hydrogen	7722-84-1	The European Commission restricts this	The European Commission requires the
on the component: HYDROGEN	peroxide		ingredient to a maximum concentration	following on the label/package of hair
PEROXIDE]			of 12% of H2O2 (40 volumes, present or	products: - 'Wear suitable gloves'; -
			released) in hair products, 4% of H2O2	'Contains hydrogen peroxide'; - 'Avoid
			(present or released) in skin products,	contact with eyes'; - 'Rinse immediately
			2% of H2O2 (present or released) in nail	if product comes into contact with
			hardening products, 0.1% of H2O2	them'. For skin and nail hardening
			(present or released) in oral products,	products, the following warnings are
			including mouth rinse, tooth paste and	required: '- 'Contains hydrogen
			tooth whitening or bleaching products,	peroxide'; - 'Avoid contact with eyes'; -
			and greater than 0.1% but less than or	'Rinse immediately if product comes
			equal to 6% of H2O2 (present or	into contact with them'. For tooth
			released) in tooth whitening or	whitening or bleaching products: -
			bleaching products. Additionally, the	'Contains hydrogen peroxide'; - 'Avoid
			products with this ingredient can only	contact with eyes'; - 'Rinse immediately
			be sold to dental practitioners, and for	if product comes into contact with
			each cycle of use, the first use must be	them'; - Concentration of H 2O 2
			done by dental practitioners or under	present or released indicated in
			their direct supervision if an equivalent	percentage; - 'Not to be used on a
			level of safety is ensured. Afterwards,	person under 18 years of age'; - 'To be
			the product may be provided to the	only sold to dental practitioners'; - 'For
			consumer to complete the cycle of use.	each cycle of use, the first use to be
			The product cannot to be used on a	only done by dental practitioners or
			person under 18 years of age. Lastly, for	under their direct supervision if an
			products intended for eyelashes, the	equivalent level of safety is ensured.
			concentration cannot exceed 2% of	Afterwards to be provided to the
			H2O2, present or released, and is	consumer to complete the cycle of use'.
			permitted for professional use only.	Lastly, the following must be labled on
				products intended for eyelashes: -
				'Wear suitable gloves'; - "For
				professional use only'; - 'Avoid contact
				with aver /Dince aver immediately if

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM PERBORATE [based on the component: HYDROGEN PEROXIDE]	HYDROGENPERO XIDE	7722-84-1	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
SODIUM PERBORATE [based on the component: HYDROGEN PEROXIDE]	HYDROGENPERO XIDE	7722-84-1	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM PERBORATE [based on the component: SODIUM BORATE]	SODIUM BORATE	1303-96-4	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products, 18% (as boric acid) in bath products, and 8% (as boric acid) in hair products. For all other products, the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Not to be used for children under 3 years of age'. Lastly, for hair products, the following warning is required: - 'Rinse well'.
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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SODIUM PERBORATE [based on the component: SODIUM BORATE]	SODIUM BORATE, ANHYDROUS	1330-43-4	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products, 18% (as boric acid) in bath products, and 8% (as boric acid) in bath products. For all other products, the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. For all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For hair products, the following are required: - 'Not to be used for children under 3 years of age'. Lastly, for hair products, the following warning is required: - 'Rinse well'.
SODIUM PERBORATE [based on the component: SODIUM BORATE]	SODIUM BORATE	1330-43-4	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%. Additionally, it may not be used on infant or injured skin.	
SODIUM PERBORATE [based on the component: SODIUM BORATE]	SODIUMBORATE	1303-96-4	Health Canada restricts this ingredient to a maximum concentration of 5%.	Health Canada requires the following warning text on the package/label of products containing at least 0.1% of sodium borate: - 'Do not use on broken or abraded skin'; - 'Not to be used by children under three years of age'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM PERSULFATE	SODIUM PERSULFATE		The Cosmetic Ingredient Review restricts the use of this ingredient as an oxidizing agent in hair colorants and lighteners designed for brief, discontinuous use followed by thorough rinsing from hair and skin. The available data are insufficient for determining the safety of these persulfates in leave- on products and dentrifrices.	
SODIUM PICRAMATE	SODIUMPICRAMA TE	831-52-7	Health Canada restricts this ingredient to a maximum concentration of 0.1%.	
SODIUM POLYACRYLOYLDIMETHYL TAURATE	Sodium Polyacryloyldimet hyl Taurate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 1%	
SODIUM POLYNAPHTHALENESULFONA TE	SODIUM POLYNAPHTHALE NESULFONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3% in skin care products.	
SODIUM POTASSIUM ALUMINUM SILICATE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
SODIUM SALICYLATE	SODIUM SALICYLATE	54-21-7	The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	
SODIUM SESQUICARBONATE [based on the component: SODIUM CARBONATE]	sodium carbonate	497-19-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM STEARATE	SODIUM STEARATE	822-16-2	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
SODIUM STEAROYL GLUTAMATE	Sodium stearoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
SODIUM STEAROYL LACTYLATE	Sodium stearoyl lactylate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%	
SODIUM STYRENE/ PEG-10 MALEATE/ NONOXYNOL-10 MALEATE/ ACRYLATES COPOLYMER	Sodium Styrene/ Peg-10 Maleate/ Nonoxynol-10 Maleate/ Acrylates Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM STYRENE/ACRYLATES/PEG-10 DIMALEATE COPOLYMER	Sodium Styrene/acrylates/ peg-10 Dimaleate Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM STYRENE/PEG-10 MALEATE/NONOXYNOL-10 MALEATE/ACRYLATE COPOL	Sodium Styrene/peg-10 Maleate/nonoxyno I-10 Maleate/acrylate Copol		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM SULFIDE	SODIUM SULFIDE	16721-80-5	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM SULFIDE	SODIUM SULFIDE	1313-82-2	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
SODIUM SULFIDE	SODIUM SULFIDE	1313-82-2	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'
SODIUM SULFIDE	SODIUMSULFIDE	1313-82-2	Health Canada restricts this ingredient to a maximum concentration of 2% (sulfur) in depilatory products.	
SODIUM SULFIDE	SODIUMSULFIDE	1313-82-2	Health Canada restricts this ingredient to a maximum concentration of 2% (sulfur) in depilatory products.	
SODIUM SULFITE	SODIUM SULFITE	7757-83-7	The European Commission restricts this ingredient to a maximum concentration of 0.67% (as free SO2) in oxidative hair dyes, 6.7% (as free SO2) in hair straightening products, 0.45% (as free SO2) in self-tanning face products, and 0.40% (as free SO2) in other self- tanning products. For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	
SODIUM SULFITE	SODIUM SULFITE	7757-83-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM SWEET ALMONDATE	SODIUM SWEET ALMONDATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
SODIUM THIOGLYCOLATE	SODIUM THIOGLYCOLATE	367-51-1	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'
SODIUM THIOGLYCOLATE	SODIUM THIOGLYCOLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% in hair dyes and noncoloring hair products.	
SODIUM TRIDECETH SULFATE	Sodium Trideceth Sulfate	25446-78-0	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM TRIDECETH-12 CARBOXYLATE	Sodium Trideceth- 12 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-15 CARBOXYLATE	Sodium Trideceth- 15 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-19 CARBOXYLATE	Sodium Trideceth- 19 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-3 CARBOXYLATE	Sodium Trideceth- 3 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-3 SULFATE	Sodium Trideceth- 3 Sulfate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM TRIDECETH-4 CARBOXYLATE	Sodium Trideceth- 4 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-6 CARBOXYLATE	Sodium Trideceth- 6 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth- 8 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth- 6 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth- 4 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth- 3 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth- 19 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth- 15 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth- 12 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIDECETH-7 CARBOXYLATE	Sodium Trideceth- 7 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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SODIUM TRIDECETH-8 CARBOXYLATE	Sodium Trideceth- 8 Carboxylate	61757-59-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM TRIMETAPHOSPHATE	Sodium trimetaphosphate		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: lead.	
SODIUM UNDECETH-5 CARBOXYLATE	Sodium Undeceth- 5 Carboxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM XYLENE SULFONATE	SODIUM XYLENESULFONA TE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
SODIUM ZINC CETYL PHOSPHATE	SODIUM ZINC CETYL PHOSPHATE		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
SODIUM ZINC HISTIDINE DITHIOOCTANAMIDE	SODIUM ZINC HISTIDINE DITHIOOCTANAMI DE		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM/ TEA LAUROYL HYDROLYZED COLLAGEN	SODIUM/ TEA LAUROYL HYDROLYZED COLLAGEN	68920-59-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SODIUM/ TEA LAUROYL HYDROLYZED COLLAGEN	Lauroyl collagen amino acids	68920-59-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM/ TEA LAUROYL HYDROLYZED COLLAGEN	LAUROYL HYDROLYZED COLLAGEN	68920-59-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SODIUM/MEA LAURETH-2 SULFOSUCCINATE	SODIUM/MEA LAURETH-2 SULFOSUCCINAT E		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM/MEA LAURETH-2 SULFOSUCCINATE	SODIUM/MEA LAURETH-2 SULFOSUCCINAT E		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
SODIUM/MEA-PEG-3 COCAMIDE SULFATE	SODIUM/MEA- PEG-3 COCAMIDE SULFATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SODIUM/MEA-PEG-3 COCAMIDE SULFATE	SODIUM/MEA- PEG-3 COCAMIDE SULFATE		The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
SODIUM/TEA C12-13 PARETH-3 SULFATE	Sodium/TEA C12- 13 Pareth-3 Sulfate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM/TEA-LAUROYL COLLAGEN AMINO ACIDS	Sodium/TEA- lauroyl collagen amino acids		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SODIUM/TEA-LAUROYL COLLAGEN AMINO ACIDS	Triethanolamine	102-71-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, it cannot be used in products where N- nitroso compounds may be formed.	
SODIUM/TEA-LAUROYL HYDROLYZED KERATIN	SODIUM/TEA- LAUROYL HYDROLYZED KERATIN		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

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SODIUM/TEA-LAUROYL KERATIN AMINO ACIDS	sodium/TEA- lauroyl keratin amino acids		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SODIUM/TEA-UNDECYLENOYL ALGINATE	SODIUM/TEA- UNDECYLENOYL ALGINATE	224580-93-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM/TEA-UNDECYLENOYL CARRAGEENAN	SODIUM/TEA- UNDECYLENOYL CARRAGEENAN	224580-91-0	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SODIUM/TEA-UNDECYLENOYL COLLAGEN AMINO ACIDS	sodium/TEA- undecylenoyl collagen amino acids		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SODIUM/TEA-UNDECYLENOYL HYDROLYZED COLLAGEN	SODIUM/TEA- UNDECYLENOYL HYDROLYZED COLLAGEN		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SODIUM/TEA-UNDECYLENOYL HYDROLYZED CORN PROTEIN	SODIUM/TEA- UNDECYLENOYL HYDROLYZED CORN PROTEIN	222400-08-0	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

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SODIUM/TEA-UNDECYLENOYL HYDROLYZED SOY PROTEIN	SODIUM/TEA- UNDECYLENOYL HYDROLYZED SOY PROTEIN	222400-11-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SODIUM/TEA-UNDECYLENOYL HYDROLYZED WHEAT PROTEIN	SODIUM/TEA- UNDECYLENOYL HYDROLYZED WHEAT PROTEIN	222400-10-4	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SODIUMDIHYDROXYDIMETHO XYBENZOPHENONEDISULFON ATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
SODIUMDIHYDROXYDIMETHO XYBENZOPHENONEDISULFON ATE			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

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SODIUMDIHYDROXYDIMETHO XYBENZOPHENONEDISULFON ATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
SODIUMFLUORIDE		7681-49-4	Health Canada restricts the use of this ingredient to non-oral products.	
SODIUMLAURYLDIAMINOETHY LGLYCINE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.03%.	
SODIUMPYROBORATE			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products when it is not used as an emulsifier of beeswax or white beeswax.	
SODIUMPYROBORATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.76% when it is used as an emulsifier of beeswax or white beeswax.	
SOLANUM LYCOPERSICUM (TOMATO) FRUIT OIL	SOLANUM LYCOPERSICUM (TOMATO) FRUIT OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
SOLUBLE PROTEOGLYCAN	Soluble Proteoglycan		FDA has flagged this ingredient for possible bovine spongiform encephalopathy (BSE) contamination. To use this ingredient, a company must document that the ingredient is not of bovine origin.	

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SOLVENT YELLOW 33	1,3- Isobenzofurandion e, reaction products with methylquinoline and quinoline		(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
SORBETH-230 TETRAOLEATE	sorbeth-230 tetreaoleate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SORBETH-6 BEESWAX	PEG-6 SORBITAN BEESWAX		The Cosmetic Ingredient Review restricts this ingredient's use in products if the ingredient is formulated with PEG-6, PEG-20 or PEG-75.	
SORBETH-6 HEXASTEARATE	Sorbeth-6 Hexastearate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SORBETH-8 BEESWAX	PEG-8 SORBITAN BEESWAX		The Cosmetic Ingredient Review restricts this ingredient's use in products if the ingredient is formulated with PEG-6, PEG-20 or PEG-75.	
SORBIC ACID	SORBIC ACID	110-44-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
SORBIC ACID, POTASSIUM SALT, (E,E)-	POTASSIUM SORBATE	24634-61-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

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SORBICACIDANDSORBATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5%.	
SOYAMIDE DEA	SOYAMIDE DEA	68425-47-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
SOYAMIDE DEA	SOYAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SOYAMIDOPROPYL BETAINE	SOYAMIDOPROP YL BETAINE		The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
SOYAMIDOPROPYL DIMETHYLAMINE	Soyamidopropyl dimethylamine	68188-30-7	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
SOYAMINE	SOYAMINE	61790-18-9	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

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SOYBEAN OIL PEG-36 ESTERS	Soybean Oil Peg- 36 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SOYBEAN OIL, ETHOXYLATED	Soybean oil, ethoxylated		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SPHINGOLIPIDS	Sphingolipids		The European Commission does not allow sphingolipids isolated from the brain and central nervous system of animals (known as Cerebrosides) per Annex II, Directive 419.	
SQUALENE	SQUALENE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
STANNOUS FLUORIDE	stannous fluoride	7783-47-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains stannous fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STANNOUS FLUORIDE	stannous fluoride	7783-47-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains stannous fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
STANNOUS FLUORIDE	stannous fluoride	7783-47-3	The European Commission restricts this ingredient to a maximum concentration of 0.15% (calculated as F). When mixed with other fluorine compounds permitted under Annex III of the Cosmetics Regulation, the total F concentration must not exceed 0.15%.	The European Commission requires the following on the product label/package: - 'Contains stannous fluoride'; - For any toothpaste with compounds containing fluorine in a concentration of 0.1 to 0.15% calculated as F unless it is already labelled as contra-indicated for children (e.g. 'for adult use only') the following labelling is obligatory: 'Children of 6 years and younger: use a pea-sized amount for supervised brushing to minimise swallowing. In case of intake of fluoride from other sources consult a dentist or doctor.'
STANNOUS FLUORIDE	STANNOUSFLUO RIDE	7783-47-3	Health Canada restricts the use of this ingredient to non-oral products.	
STARCH/ ACRYLATES/ ACRYLAMIDE COPOLYMER	STARCH/ ACRYLATES/ ACRYLAMIDE COPOLYMER		The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STEAPYRIUM CHLORIDE	STEAPYRIUM CHLORIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
STEARALKONIUM CHLORIDE	STEARALKONIUM CHLORIDE	122-19-0	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinse-off hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride). Further, this ingredient is not allowed in sprays and powders. Sensitizing asthmagen designated by the Association of Occupational and Environmental Clinics.	The European Commission requires the following warning text on the product label/package: - 'Avoid contact with the eyes'
STEARALKONIUM CHLORIDE	STEARALKONIUM CHLORIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
STEARALKONIUM DIMETHICONE PEG-8 PHTHALATE	Stearalkonium Dimethicone Peg- 8 Phthalate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARALKONIUM HECTORITE	STEARALKONIUM HECTORITE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
STEARALKONIUM HECTORITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	

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STEARAMIDE DEA	STEARAMIDE DEA 93-82-3	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers
STEARAMIDE DEA	STEARAMIDE DEA	The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.
STEARAMIDE MEA	STEARAMIDE MEA	The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).
STEARAMIDE MEA	STEARAMIDE MEA	(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STEARAMIDOPROPYL BETAINE	stearamidopropyl betaine	6179-44-8	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
STEARAMIDOPROPYL DIMETHYLAMINE	Stearamidopropyl dimethylamine	7651-02-7	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
STEARAMINE	STEARAMINE	124-30-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
STEARAMINE OXIDE	STEARAMINE OXIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STEARDIMONIUM HYDROXYPROPYL PANTHENYL PEG-7 DIMETHICONE PHOSPHATE	Steardimonium Hydroxypropyl Panthenyl Peg-7 Dimethicone Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARDIMONIUM HYDROXYPROPYL PANTHENYL PEG-7 DIMETHICONE PHOSPHATE CHLORIDE	Steardimonium Hydroxypropyl Panthenyl Peg-7 Dimethicone Phosphate Chloride	220714-77-2	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARDIMONIUM HYDROXYPROPYL PEG-7 DIMETHICONE PHOSPHATE CHLORIDE	Steardimonium Hydroxypropyl Peg-7 Dimethicone Phosphate Chloride	220714-63-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARETH-10	STEARETH-10		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARETH-100	STEARETH-100	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STEARETH-100/PEG-136/HDI COPOLYMER	Steareth-100/peg- 136/hdi Copolymer	103777-69-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARETH-16	STEARETH-16	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARETH-2	STEARETH-2	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARETH-20	STEARETH-20	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARETH-21	STEARETH-21	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STEARETH-4	STEARETH-4	9005-00-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARETHS-(2-100)	Steareths-(2-100)		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEAROXYTRIMETHYLSILANE	Stearoxytrimethyls ilane	18748-98-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.55%	
STEAROYL SARCOSINE	STEAROYL SARCOSINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, it cannot be used in products where N- nitroso compounds may be formed.	
STEARYL ACETATE	STEARYL ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
STEARYL ALCOHOL	STEARYL ALCOHOL	112-92-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
STEARYL BENZOATE	STEARYL BENZOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
STEARYL CAPRYLATE	STEARYL CAPRYLATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

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STEARYL CITRATE	STEARYL CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	
STEARYL DIMETHICONE	STEARYL DIMETHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
STEARYL GLYCYRRHETINATE	STEARYL GLYCYRRHETINAT E		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%. Additionally, CIR has identified the following potential contaminants/impurities in this ingredient: pesticides/PCB, toxic metals, and heavy metals.	
STEARYL HDI/PEG-50 COPOLYMER	Stearyl Hdi/peg- 50 Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
STEARYL HEPTANOATE	STEARYL HEPTANOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	
STEARYL METHICONE	STEARYL METHICONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	
STEARYL PALMITATE	STEARYL PALMITATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
STEARYL STEARATE	STEARYL STEARATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
STEARYL TRIETHOXYSILANE	STEARYL TRIETHOXYSILAN E	7399-00-0	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 2.6%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
STIBNITE (SB2S3)	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
STORAX	LIQUIDAMBAR STYRACIFLUA OIL	8046-19-3	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
STORAX	STORAX	8046-19-3	The European Commission restricts this ingredient to a maximum concentration of 0.6%.	
STRONTIUM	Strontium	7440-24-6	Health Canada restricts this ingredient to a maximum concentration of 3.5% strontium in depilatory products and 6.6% (as salt, or equal to or less than 2.1% elemental strontium) in all other products. Additionally, Health Canada prohibits its use in aerosol products.	
STRONTIUM ACETATE	STRONTIUM ACETATE	543-94-2	The European Commission restricts this ingredient to a maximum concentration of 3.5% (as strontium). When mixed with other permitted strontium products, the total strontium concent cannot exceed 3.5%.	The European Commission requires the following warning text on the product label/package: - 'Contains strontium acetate'; - 'Frequent use by children is not advisable'
STRONTIUM ACETATE	STRONTIUM ACETATE	543-94-2	The European Commission restricts this ingredient to a maximum concentration of 3.5% (as strontium). When mixed with other permitted strontium products, the total strontium concent cannot exceed 3.5%.	The European Commission requires the following warning text on the product label/package: - 'Contains strontium acetate'; - 'Frequent use by children is not advisable'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STRONTIUM CHLORIDE	STRONTIUM CHLORIDE	10476-85-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 3.5%) in oral products, and 2.1% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 2.1%) in shampoo and face products.	The European Commission requires the following warning text on the product label/package: - 'Contains strontium chloride'; - 'Frequent use by children is not advisable'.
STRONTIUM CHLORIDE	STRONTIUM CHLORIDE	10476-85-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 3.5%) in oral products, and 2.1% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 2.1%) in shampoo and face products.	The European Commission requires the following warning text on the product label/package: - 'Contains strontium chloride'; - 'Frequent use by children is not advisable'.
STRONTIUM CHLORIDE HEXAHYDRATE	STRONTIUM CHLORIDE	10476-85-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 3.5%) in oral products, and 2.1% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 2.1%) in shampoo and face products.	The European Commission requires the following warning text on the product label/package: - 'Contains strontium chloride'; - 'Frequent use by children is not advisable'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STRONTIUM CHLORIDE HEXAHYDRATE	Strontium chloride hexahydrate	10025-70-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 3.5%) in oral products, and 2.1% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 2.1%) in shampoo and face products.	The European Commission requires the following warning text on the product label/package: - 'Contains strontium chloride'; - 'Frequent use by children is not advisable'.
STRONTIUM CHLORIDE HEXAHYDRATE	Strontium chloride hexahydrate	10025-70-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 3.5%) in oral products, and 2.1% as strontium (when mixed with other permitted strontium products, the total strontium content must not exceed 2.1%) in shampoo and face products.	The European Commission requires the following warning text on the product label/package: - 'Contains strontium chloride'; - 'Frequent use by children is not advisable'.
STRONTIUM HYDROXIDE	Strontium hydroxide	1311-10-0	The European Commission restricts this ingredient to a maximum concentration of 3.5% (as strontium) with a pH no higher than 12.7 as a pH adjuster in depilatories.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with the eyes'
STRONTIUM HYDROXIDE	Strontium hydroxide	1311-10-0	The European Commission restricts this ingredient to a maximum concentration of 3.5% (as strontium) with a pH no higher than 12.7 as a pH adjuster in depilatories.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with the eyes'
STRONTIUM HYDROXIDE	Strontium hydroxide	18480-07-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% (as strontium) with a pH no higher than 12.7 as a pH adjuster in depilatories.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with the eyes'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STRONTIUM HYDROXIDE	Strontium hydroxide	18480-07-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% (as strontium) with a pH no higher than 12.7 as a pH adjuster in depilatories.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with the eyes'
STRONTIUM HYDROXIDE	Strontium hydroxide	18480-07-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% (as strontium) with a pH no higher than 12.7 as a pH adjuster in depilatories.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with the eyes'
STRONTIUM HYDROXIDE	Strontium hydroxide	18480-07-4	The European Commission restricts this ingredient to a maximum concentration of 3.5% (as strontium) with a pH no higher than 12.7 as a pH adjuster in depilatories.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with the eyes'
STRONTIUM PEROXIDE	Strontium peroxide	1314-18-7	The European Commission restricts this ingredient to a maximum concentration of 4.5% (as strontium) in rinse-off hair products. Additionally, all products must meet the hydrogen peroxide release requirements.	The European Commission requires the following on the product label/package: - 'Avoid contact with eyes'; - 'Rinse eyes immediately if product comes into contact with them'; 'For professional use only Wear suitable gloves'

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
STRONTIUM PEROXIDE	Strontium peroxide	1314-18-7	The European Commission restricts this ingredient to a maximum concentration of 12% of H2O2 (40 volumes, present or released) in hair products, 4% of H2O2 (present or released) in skin products, 2% of H2O2 (present or released) in nail hardening products, 0.1% of H2O2 (present or released) in oral products, including mouth rinse, tooth paste and tooth whitening or bleaching products, and greater than 0.1% but less than or equal to 6% of H2O2 (present or released) in tooth whitening or bleaching products. Additionally, the products with this ingredient can only be sold to dental practitioners, and for each cycle of use, the first use must be done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards, the product may be provided to the consumer to complete the cycle of use. The product cannot to be used on a person under 18 years of age. For products intended for eyelashes, the concentration cannot exceed 2% of H2O2, present or released, and is permitted for professional use only. For rinse-off hair products, the concentration cannot exceed 4.5% (as strontium), and is permitted for	The European Commission requires the following on the label/package of hair products: - 'Wear suitable gloves'; - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For skin and nail hardening products, the following warnings are required: '- 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'. For tooth whitening or bleaching products: - 'Contains hydrogen peroxide'; - 'Avoid contact with eyes'; - 'Rinse immediately if product comes into contact with them'; - Concentration of H 2O 2 present or released indicated in percentage; - 'Not to be used on a person under 18 years of age'; - 'To be only sold to dental practitioners'; - 'For each cycle of use, the first use to be only done by dental practitioners or under their direct supervision if an equivalent level of safety is ensured. Afterwards to be provided to the consumer to complete the cycle of use'. Additionally, he following must be labled on products intended for eyelashes: - 'Wear suitable gloves'; - "For professional use only'; - 'Avoid
STRONTIUM SULFIDE	strontium sulfide	1314-96-1	The European Commission restricts this ingredient to a maximum concentration of 2% (as sulphur in an alkali sulfide) or 6% (as sulphur in alkaline earth sulfide) in depilatories. Additionally, the product's pH must be less than or equal to 12.7.	The European Commission requires the following warning text on the product label/package: - 'Keep out of reach of children'; - 'Avoid contact with eyes'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
STRONTIUM SULFIDE	STRONTIUMSULFI DE	1314-96-1	Health Canada restricts this ingredient to a maximum concentration of 6% (sulfur) in depilatory products.	
STRONTIUM THIOGLYCOLATE	STRONTIUM THIOGLYCOLATE	38337-95-0	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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Styrax (distillates)			The International Fragrance Association restricts this ingredient to a maximum concentration of 0.04% in lip products, 0.05% in deodorants/antiperspirants, 0.23% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.36% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.6% in mouthwashes, breath sprays, and toothpastes, 0.11% in intimate wipes, and baby wipes, 0.6% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.6% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
STYRENE	styrene	100-42-5	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
Styrene/Acrylamide Copolymer	STYRENE/ ACRYLAMIDE COPOLYMER	24981-13-3	The European Commission restricts this ingredient's residual acrylamide content to a maximum of 0.1 mg/kg for body leave-on products and 0.5 mg/kg for all other products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SUCCINIC ACID	SUCCINIC ACID		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2% in leave-on products (up to 26% in rinse- off products).	
Sulfonated nigrosine color			(*) The European Commission prohibits the use of this ingredient in products applied to mucous membranes.	
Sulfur Containing Mineral Acid	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
Sulfuric acid alkyl esters (C12- 18), sodium salts [based on the component: SODIUM LAURYL SULFATE]	SODIUM LAURYL SULFATE	151-21-3	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1% in leave-on products.	
SULFURIZED TEA- RICINOLEATE	SULFURIZED TEA- RICINOLEATE	222721-88-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
SULISOBENZONE	BENZOPHENONE- 4	4065-45-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SUNFLOWER SEED OIL PEG-32 ESTERS	Sunflower Seed Oil Peg-32 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SUNFLOWER SEED OIL PEG-8 ESTERS	Sunflower Seed Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SUNFLOWERAMIDE MEA			(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
SUNFLOWERSEEDAMIDOPRO PYL DIMETHYLAMINE	Sunflowerseedami dopropyl dimethylamine		This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
SWEET ALMOND OIL PEG-8 ESTERS	Sweet Almond Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SWEET BIRCH [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	
SWEET BIRCH EXTRACT [based on the component: METHYL SALICYLATE]	METHYLSALICYLA TE	119-36-8	Health Canada restricts this ingredient to a maximum concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SYNTANOL DS 6	Syntanol Ds 6		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
SYNTHETIC BEESWAX	SYNTHETIC BEESWAX		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 18%.	
SYNTHETIC JOJOBA OIL	SYNTHETIC JOJOBA OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
SYZYGIUM AROMATICUM (CLOVE)	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SYZYGIUM AROMATICUM (CLOVE)	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
SYZYGIUM AROMATICUM (CLOVE) FLOWER OIL	Eugenol	97-53-0		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
SYZYGIUM AROMATICUM (CLOVE) FLOWER OIL	Eugenol	97-53-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.2% in lip products, 0.2% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.5% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 4.3% in mouthwashes, breath sprays, and toothpastes, 0.4% in intimate wipes, and baby wipes, 0.5% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
t-BUTYL ACETATE	T-BUTYL ACETATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
T-BUTYL ALCOHOL	T-BUTYL ALCOHOL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
TAGETES PATULA FLOWER EXTRACT	tagetes oil and absolute	91722-29-1	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.01% in leave-on products	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TALC	TALC	14807-96-6		The European Commission requires the following on the product label/package: - 'Keep powder away from children's nose and mouth'
TALC	TALC	14807-96-6		The European Commission requires the following on the product label/package: - 'Keep powder away from children's nose and mouth'
TALC	TALC			Health Canada requires the following warning text on the packaging/label of powder cosmetics intended for infants and children: - 'Keep out of reach of children'; - 'Keep powder away from child's face to avoid inhalation which can cause breathing problems'.
TALC	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
TALL OIL	Tall oil	8002-26-4	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
TALL OIL ACID	Tall Oil Acid		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 8%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TALLAMIDE DEA TALLAMIDE DEA	TALLAMIDE DEA TALLAMIDE DEA	68155-20-4	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
TALLAMIDOPROPYL DIMETHYLAMINE	Tallamidopropyl dimethylamine	68650-79-3	This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	
TALLOW AMINE	TALLOW AMINE	61790-33-8	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
TALLOW GLYCERIDE	TALLOW GLYCERIDE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
TALLOW GLYCERIDE	TALLOW GLYCERIDES		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TALLOW GLYCERIDES	TALLOW GLYCERIDES		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
TALLOWALKONIUM CHLORIDE	TALLOWALKONIU M CHLORIDE	61789-75-1	The European Commission restricts this ingredient to a maximum concentration of 3% (as benzalkonium chloride) in rinse-off hair (head) products. In the final products, the concentrations of benzalkonium chloride, bromide and saccharinate with alkyl chain of C14 or less must not exceed 0.1% (as benzalkonium chloride).	The European Commission requires the following warning text on the product label/package: - 'Avoid contact with the eyes'
TALLOWAMIDE DEA	TALLOWAMIDE DEA	68140-08-9	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
TALLOWAMIDE DEA	TALLOWAMIDE DEA		The Cosmetic Ingredient Review restricts the DEA concentration of this ingredient to those considered safe in the CIR safety assessment of DEA and its salts. Additionally, CIR restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form.	
TALLOWAMIDE MEA	TALLOWAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	

Substance/Ingredient	Alternative name CAS	EW	G VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TALLOWAMIDOPROPYL DIMETHYLAMINE	Tallowamidopropy 6842 I dimethylamine	25-50-3 This on p in ri ingr at c	ingredient cannot be used in leave- products and must not exceed 0.5% nse-off products. Additionally, this redient should not contain DMAPA oncentrations greater than 0.01%.	
TALLOWETH-18	TALLOWETH-18	(*) T has imp recc vacu poly	he U.S. Food & Drug Administration identified 1,4-dioxane as a potential urity in this ingredient and ommends that manufacturers utilize uum stripping at the end of the merization process.	
TANAKURA CLAY	CLAYS AND MINERALS	Proc mus limi Cad Anti and proc	ducts containing clays and minerals at meet international heavy metal ts of: Lead: 10 ppm, Arsenic: 3 ppm, mium: 3 ppm, Mercury: 1 ppm, imony: 5 ppm, Chromium: 100 ppm, Nickel: 200 ppm; in the finished duct.	
Tangerine oil terpenes	Citrus oils and other furocoumarins containing essential oils (Bergapten)	The rest met ingr citru of 15 on p	International Fragrance Association ricts the total bergapten (5- hoxypsoralen) concentration of this redient (in combination with other us oils) to a maximum concentration 5 ppm in the final product for leave- products.	
TAR ACIDS, CRESYLIC, RESIDUES	TAR ACIDS, 6855 CRESYLIC, RESIDUES	55-24-8 The ingr ben	European Commission bans this edient from use in cosmetics if its zene content is over 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear	These Warnings
TEA CARBOMER	TEA CARBOMER		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA COCOATE	TEA COCOATE	61790-64-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA COCOYL GLUTAMATE	TEA COCOYL GLUTAMATE	68187-29-1	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA COCOYL GLUTAMATE	TEA-cocoyl glutamate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 11%	
TEA COCOYL HYDROLYZED COLLAGEN	TEA COCOYL HYDROLYZED COLLAGEN	68952-16-9	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TEA DODECYLBENZENESULFONAT E	TEA DODECYLBENZE NESULFONATE	27323-41-7	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA DODECYLBENZENESULFONAT E	TEA- DODECYLBENZE NESULFONATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
TEA ISOSTEARATE	TEA ISOSTEARATE	88120-12-1	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA ISOSTEARATE	TEA-Isostearate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TEA LAUROYL GLUTAMATE	TEA LAUROYL GLUTAMATE	53576-49-1	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA LAUROYL HYDROLYZED COLLAGEN	TEA LAUROYL HYDROLYZED COLLAGEN		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA MYRISTATE	TEA MYRISTATE	41669-40-3	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA OLEATE	TEA OLEATE	2717-15-9	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA PALM KERNEL SARCOSINATE	TEA PALM KERNEL SARCOSINATE	73049-98-6	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA PALMITATE	TEA PALMITATE	49719-60-0	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA PALMITATE	TEA-Palmitate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TEA PEG 3 COCAMIDE SULFATE	TEA PEG 3 COCAMIDE SULFATE	73246-94-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TEA PEG 3 COCAMIDE SULFATE	TEA PEG 3 COCAMIDE SULFATE	73246-94-3	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA PEG 3 COCAMIDE SULFATE	TEA-PEG-3 Cocamide Sulfate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. Additionally, this ingredient may not be used in products in which N-nitroso compounds may form (do not contain nitrosating agents).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA STEARATE	TEA STEARATE	4568-28-9	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-ABIETOYL HYDROLYZED COLLAGEN	TEA-ABIETOYL HYDROLYZED COLLAGEN	68918-77-4	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA- ACRYLATES/ACRYLONITROGE NS COPOLYMER	TEA- ACRYLATES/ACR YLONITROGENS COPOLYMER		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	TEA- ACRYLATES/ETHY LHEXYL ACRYLATE COPOLYMER		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-ALGINATE	TEA-ALGINATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-C10-15 ALKYL SULFATE	TEA-C10-15 Alkyl Sulfate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-C11-15 ALKYL SULFATE	TEA-C11-15 Alkyl Sulfate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-C11-15 PARETH SULFATE	TEA-C11-15 Pareth Sulfate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-C12-13 ALKYL PHOSPHATE	TEA-C12-13 ALKYL PHOSPHATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-C12-13 ALKYL SULFATE	TEA-C12-13 Alkyl Sulfate	223704-69-6	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name C	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-C12-13 PARETH-3 SULFATE	TEA-C12-13 Pareth- 3 Sulfate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-C12-14 ALKYL PHOSPHATE	TEA-C12-14 ALKYL PHOSPHATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-C12-14 ALKYL SULFATE	TEA-C12-14 Alkyl Sulfate	90583-18-9	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-C12-15 ALKYL SULFATE	TEA-C12-15 Alkyl Sulfate	68815-25-8	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-C8-18 PERFLUOROALKYLETHYL PHOSPHATE	TEA-C8-18 PERFLUOROALKY LETHYL PHOSPHATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-CANOLATE	TEA-Canolate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-COCAMIDE DIACETATE	TEA-COCAMIDE DIACETATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-COCO-SULFATE	TEA-Coco-Sulfate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-COCOYL ALANINATE	TEA-COCOYL ALANINATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-COCOYL ALANINATE	TEA-COCOYL ALANINATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.8%	
TEA-COCOYL GLUTAMINATE	TEA-cocoyl glutaminate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-COCOYL GLYCINATE	TEA-COCOYL GLYCINATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-COCOYL HYDROLYZED SOY PROTEIN	TEA-COCOYL HYDROLYZED SOY PROTEIN		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-COCOYL SARCOSINATE	TEA-COCOYL SARCOSINATE	68411-96-1	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-DEXTRIN OCTENYLSUCCINATE	TEA-DEXTRIN OCTENYLSUCCIN ATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TEA-DIETHANOLAMINOETHYL POLYISOBUTENYLSUCCINATE	TEA- DIETHANOLAMIN OETHYL POLYISOBUTENY LSUCCINATE	67762-80-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-DIMETHICONE PEG-7 PHOSPHATE	TEA- DIMETHICONE PEG-7 PHOSPHATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TEA-DIMETHICONE PEG-7 PHOSPHATE	TEA- DIMETHICONE PEG-7 PHOSPHATE	175893-65-9	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TEA-EDTA	TEA-EDTA	60544-70-9	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-GLYCERYL DIMALEATE	TEA-Glyceryl Dimaleate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-HYDROCHLORIDE	TEA- Hydrochloride	637-39-8	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-HYDROGENATED COCOATE	TEA- Hydrogenated Cocoate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-HYDROGENATED TALLOWOYL GLUTAMATE	TEA- hydrogenated tallowoyl glutamate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-HYDROIODIDE	TEA- HYDROIODIDE	7601-53-8	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TEA-ISOSTEAROYL HYDROLYZED COLLAGEN	TEA- ISOSTEAROYL HYDROLYZED COLLAGEN		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LACTATE	TEA-LACTATE	20475-12-1	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LACTATE	TEA-LACTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10% and a minimum pH of 3.5 when used as an AHA. For salon products, the maximum concentration is 30% with a minimum pH of 3.0.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-LANETH-5 SULFATE	TEA-LANETH-5 SULFATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LAURAMINOPROPIONATE	TEA- LAURAMINOPRO PIONATE	14171-00-7	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TEA-LAURATE	TEA-Laurate	2224-49-9	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LAURATE	TEA-Laurate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself.	
TEA-LAURATE/MYRISTATE	TEA- Laurate/Myristate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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TEA-LAURETH SULFATE	TEA-Laureth Sulfate	27028-82-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TEA-LAURETH SULFATE	TEA-Laureth Sulfate	27028-82-6	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LAURETH SULFATE	TEA-Laureth Sulfate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself.	
TEA-LAURETH-4 PHOSPHATE	TEA-LAURETH-4 PHOSPHATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-LAURETH-4 PHOSPHATE	TEA-LAURETH-4 PHOSPHATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LAUROYL COLLAGEN AMINO ACIDS	TEA-lauroyl collagen amino acids		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LAUROYL COLLAGEN AMINO ACIDS	TEA-lauroyl collagen amino acids		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.4%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-LAUROYL KERATIN AMINO ACIDS	TEA-LAUROYL KERATIN AMINO ACIDS		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LAUROYL LACTYLATE	TEA-LAUROYL LACTYLATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-LAUROYL METHYLAMINOPROPIONATE	TEA-LAUROYL METHYLAMINOPR OPIONATE	89353-55-9	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LAUROYL SARCOSINATE	TEA-LAUROYL SARCOSINATE	16693-53-1	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-LAUROYL/MYRISTOYL ASPARTATE	TEA- LAUROYL/MYRIST OYL ASPARTATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-LAURYL PHOSPHATE	TEA-LAURYL PHOSPHATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA- MYRISTAMINOPROPIONATE	TEA- MYRISTAMINOPR OPIONATE	61791-98-8	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-MYRISTOYL HYDROLYZED COLLAGEN	TEA-MYRISTOYL HYDROLYZED COLLAGEN	69430-23-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-OLEOYL HYDROLYZED COLLAGEN	TEA-OLEOYL HYDROLYZED COLLAGEN		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-OLEOYL SARCOSINATE	TEA-OLEOYL SARCOSINATE	17736-08-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-OLEYL SULFATE	TEA-Oleyl Sulfate		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-PCA	TEA-PCA	55901-20-7	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	TEA-PEG-50 HYDROGENATED CASTOR OIL SUCCINATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-PEG-50 HYDROGENATED CASTOR OIL SUCCINATE	TEA-PEG-50 HYDROGENATED CASTOR OIL SUCCINATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-PHENYLBENZIMIDAZOLE SULFONATE	TEA- PHENYLBENZIMID AZOLE SULFONATE	10020-01-6	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-ROSINATE	TEA-ROSINATE	68002-57-3	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-SALICYLATE	TEA SALICYLATE	2174-16-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-SALICYLATE	TEA-SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-SORBATE	TEA-SORBATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-SORBATE	TEA Sorbate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself.	
TEA-SULFATE	TEA-SULFATE	7376-31-0	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-SULFATE	TEA Sulfate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself.	
TEA-TALLATE	TEA-Tallate	8043-27-4	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-TALLATE	TEA-Tallate		The Cosmetic Ingredient Review has determined that this ingredient is safe as used when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. Additionally, this ingredient may not be used in products in which N-nitroso compounds may form (do not contain nitrosating agents).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA- TRIDECYLBENZENESULFONAT E	TEA- TRIDECYLBENZEN ESULFONATE	59599-58-5	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TEA-UNDECYLENATE	TEA-Undecylenate	84471-25-0	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TEA-UNDECYLENOYL HYDROLYZED COLLAGEN	TEA- UNDECYLENOYL HYDROLYZED COLLAGEN	68951-91-7	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TERGITOL MIN-FOAM 1X	Tergitol Min-Foam 1x		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TERPENE ALCOHOLS ACETATES	TERPENE ALCOHOLS ACETATES	69103-01-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
TERPENE HYDROCARBONS	TERPENE HYDROCARBONS	68956-56-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
TERPENES AND TERPENOIDS	TERPENES AND TERPENOIDS	65996-98-7	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

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Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TERPENES AND TERPENOIDS SINPINE	TERPENES AND TERPENOIDS SINPINE	68917-63-5	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L	
Terpenes and terpenoids, grapefruit-oil [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L.	The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
Terpenes and terpenoids, grapefruit-oil [based on the component: LIMONENE]	Limonene	138-86-3	The European Commission restricts this ingredient's peroxide content to less than 20 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
Terpenes and terpenoids, grapefruit-oil [based on the component: LIMONENE]	Limonene	138-86-3	The International Fragrance Association restricts the total peroxide content (in the final product) to a maximum concentration of 20 millimoles peroxides per liter.	
TERPINOLENE	TERPINOLENE	586-62-9	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
TERT-BUTYLHYDROQUINONE	T-BUTYL HYDROQUINONE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
TERT-BUTYLHYDROQUINONE	TBHQ	1948-33-0	Health Canada restricts this ingredient to a maximum concentration of 0.1%	
TETRAAMINOPYRIMIDINE SULFATE	TETRAAMINOPYRI MIDINE SULFATE	5392-28-9	The European Commission restricts this ingredient to a maximum concentration of 3.4% (calculated as sulphate) applied to hair after mixing under oxidative conditions in oxidative hair dye products, and 3.4% (calculated as sulphate) in non-oxidative hair dye products.	The European Commission requires the following warning text on the product label/package: - 'Hair colorants can cause severe allergic reactions'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TETRACHLOROPHTHALIC ANHYDRIDE	tetrachlorophthali c anhydride	117-08-8	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
TETRADECYLHEPTAETHOXYL ATE	Tetradecylheptaet hoxylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
Tetrahydroxybenzophenone			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in rinse-off products (not applied to mucosa).	
Tetrahydroxybenzophenone			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in products meant to be applied to the mucosa.	
Tetrahydroxybenzophenone			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 10% in leave-on products (not applied to mucosa).	
TETRAMETHRIN	Tetramethrin	7696-12-0	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TETRAPOTASSIUM ETIDRONATE	TETRAPOTASSIU M ETIDRONATE	14860-53-8	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as etidronic acid) in hair products, and 0.2% (as etidronic acid) in soap products.	
TETRASODIUM EDTA	TETRASODIUM EDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
TETRASODIUM EDTA DIHYDRATE	TETRASODIUM EDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
TETRASODIUM EDTA TETRAHYDRATE	TETRASODIUM EDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
TETRASODIUM ETIDRONATE	TETRASODIUM ETIDRONATE	3794-83-0	The European Commission restricts this ingredient to a maximum concentration of 1.5% (as etidronic acid) in hair products, and 0.2% (as etidronic acid) in soap products.	
THEOBROMA CACAO (COCOA) SEED BUTTER	THEOBROMA CACAO (COCOA) SEED BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 37%	
THEOBROMA GRANDIFLORUM (THEOBROMA) SEED BUTTER	THEOBROMA GRANDIFLORUM SEED BUTTER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 7%.	
THIANTHOL	Thianthol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.8% in rinse-off products (not applied to mucosa).	
THIANTHOL	Thianthol		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
THIANTHOL	Thianthol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.8% in leave-on products (not applied to mucosa).	
THIMEROSAL	Thiomersal	54-64-8	(*) The European Commission restricts this ingredient to a maximum concentration of 0.007% (of Hg) in eye products. If mixed with other mercurial compounds allowed by the European Commission, the maximum concentration of Hg remains fixed at 0.007%.	
THIOCTIC ACID	Thioctic acid		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
THIOGLYCOLIC ACID	thioglycolic acid	68-11-1	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
THIOGLYCOLIC ACID	thioglycolic acid	68-11-1	The European Commission restricts this ingredient to a maximum concentration of 8% (as thioglycolic acid) with a pH of 7 to 9.5 in general use hair products, 11% (as thioglycolic acid) with a pH of 7 to 9.5 in professional use hair products, 5% (as thioglycolic acid) with a pH of 7 to 12.7 in depilatories, and 2% (as thioglycolic acid) with a pH of 7 to 9.5 in hair rinse-off products.	The European Commission requires the following conditions of use on the label/package of hair products, depilatories and hair rinse-off products: - 'Avoid contact with eyes'; - 'In the event of contact with eyes, rinse immediately with plenty of water and seek medical advice'. Additionally, the following conditions of use are required on hair products and hair rinse-off products: - 'Wear suitable gloves'. The European Commission also requires the following warning text on the label/package of hair products, depilatories, and hair rinse-off products: - 'Contains thioglycolate'; - 'Follow the instructions'; - 'Keep out of reach of children'. Additionally, the following warning text is required on hair products: - 'For professionaly use only.'
THIOGLYCOLIC ACID	thioglycolic acid	68-11-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15.2% in hair straighteners, permanent waves, tonics, dressings, wave sets, other non- coloring hair products, and hair dyes and colors.	
THIOGLYCOLIC ACID	THIOGLYCOLICAC ID	68-11-1	Health Canada restricts this ingredient to a maximum concentration of 8% with a pH of 7 to 9.5 in hair waving and straightening products, 11% with a pH of 7 to 9.5 in hair waving and straightening products for professional use, and 5% with a pH of 7 to 12.7 in depilatory products.	Health Canada requires the following text on the product package/label: - 'Avoid direct skin contact, wear suitable gloves'; - 'For professional use only'; - 'Avoid contact with eyes and, in the event of contact with eyes, rinse immediately with plenty of water and seek medical attention'.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
THIRAM	Thiram		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.5% in rinse-off products.	
THIRAM	Thiram		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in leave-on products.	
THUJA OCCIDENTALIS (ARBORVITAE) LEAF OIL	THUJA OCCIDENTALIS (ARBORVITAE) LEAF OIL	8007-20-3	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS (ARBORVITAE) LEAF OIL	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS BARK EXTRACT	THUJA OCCIDENTALIS BARK EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS BARK EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS LEAF	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
THUJA OCCIDENTALIS LEAF	THUJA OCCIDENTALIS LEAF	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS LEAF EXTRACT	THUJA OCCIDENTALIS LEAF EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS LEAF EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS BARK EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS LEAF EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS ROOT EXTRACT	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THUJA OCCIDENTALIS ROOT EXTRACT	THUJA OCCIDENTALIS LEAF	90131-58-1	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
THYMOL	thymol	89-83-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
THYMOL	thymol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in rinse-off products (not applied to mucosa).	
THYMOL	thymol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in leave-on products (not applied to mucosa).	
THYMUS VULGARIS (COMMON THYME) [based on the component: THYMOL]	thymol	89-83-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
THYMUS VULGARIS (COMMON THYME) [based on the component: THYMOL]	thymol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in rinse-off products (not applied to mucosa).	
THYMUS VULGARIS (COMMON THYME) [based on the component: THYMOL]	thymol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in leave-on products (not applied to mucosa).	
TIPA- ACRYLATES/ETHYLHEXYL ACRYLATE COPOLYMER	TIPA- ACRYLATES/ETHY LHEXYL ACRYLATE COPOLYMER		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TIPA-LAURETH SULFATE	TIPA-LAURETH SULFATE		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TIPA-LAURETH SULFATE	TIPA-LAURETH SULFATE	107600-36-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TIPA-LAURYL SULFATE	TIPA-LAURYL SULFATE	66161-60-2	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TIPA-MYRISTATE	TIPA-MYRISTATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TIPA-STEARATE	TIPA-STEARATE	10042-67-8	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TITANIUM DIOXIDE	Titanium dioxide		Titanium dioxide is not allowed in powdered or spray products as it poses a cancer risk per IARC's assessment. Further, the European Commission restricts the maximum concentrations of arsenic to 3ppm, lead to 10ppm, mercury to 1ppm, cadmium to 1ppm, antimony to 50ppm and zinc to 50ppm.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TITANIUM DIOXIDE	Titanium dioxide		The European Commission restricts this ingredient to a maximum concentration of 25%. In the case of combined use with Titanium Dioxide (nano), the sum shall not exceed the limit of 25%.	
TITANIUM DIOXIDE (sunscreen grade)	Titanium dioxide		Titanium dioxide is not allowed in powdered or spray products as it poses a cancer risk per IARC's assessment. Further, the European Commission restricts the maximum concentrations of arsenic to 3ppm, lead to 10ppm, mercury to 1ppm, cadmium to 1ppm, antimony to 50ppm and zinc to 50ppm.	
TOCOPHEROL	TOCOPHEROL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
TOCOPHERSOLAN	TOCOPHERSOLA N		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
TOCOPHERYL LINOLEATE	TOCOPHERYL LINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
TOCOPHERYL NICOTINATE	TOCOPHERYL NICOTINATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TOLUALDEHYDE ISOMERS	o,m,p- Tolualdehydes and their mixtures	1334-78-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.17% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.26% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 1.11% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
TOLUENE	toluene	108-88-3	The European Commission restricts this ingredient to a maximum concentration of 25% in nail products.	The European Commission requires the following warning text on the label/package of nail products: - 'Keep out of reach of children'; - 'To be used by adults only'
TOLUENE	toluene	108-88-3	The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: benzene	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TOLUENE-2,5-DIAMINE	TOLUENE-2,5- DIAMINE	95-70-5	The European Commission restricts this ingredient to a maximum concentration of 4% (calculated as free base) applied to hair after mixing under oxidative conditions.	
TOLUENE-2,5-DIAMINE	TOLUENE-2,5- DIAMINE	95-70-5	The European Commission restricts this ingredient to a maximum concentration of 4% (calculated as free base) applied to hair after mixing under oxidative conditions.	
TOLUENE-2,5-DIAMINE	TOLUENE-2,5- DIAMINE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
TOLUENE-2,5-DIAMINE SULFATE	TOLUENE-2,5- DIAMINE SULFATE	615-50-9	The European Commission restricts this ingredient to a maximum concentration of 4% (calculated as free base) applied to hair after mixing under oxidative conditions.	
TOLUENE-2,5-DIAMINE SULFATE	TOLUENEDIAMIN E SULFATE, P-	615-50-9	The European Commission restricts this ingredient to a maximum concentration of 4% (calculated as free base) applied to hair after mixing under oxidative conditions.	
TOLUENE-2,5-DIAMINE SULFATE	TOLUENE-2,5- DIAMINE SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
TOLUENEDIAMINE SULFATE, P	TOLUENEDIAMIN E SULFATE, P-	615-50-9	The European Commission restricts this ingredient to a maximum concentration of 4% (calculated as free base) applied to hair after mixing under oxidative conditions.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TONALIDE	TONALIDE	1506-02-1	The European Commission restricts this ingredient to a maximum concentration of 0.1% in non-oral leave-on products, 1% in hydroalcoholic products, 2.5% in fine fragrance, 0.5% in fragrance cream, and 0.2% in rinse-off products.	
TONKA BEAN EXTRACT [based on the component: COUMARIN]	Coumarin	91-64-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
TONKA BEAN EXTRACT [based on the component: COUMARIN]	Coumarin	91-64-5		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TONKA BEAN EXTRACT [based on the component: COUMARIN]	Coumarin	91-64-5	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.1% in lip products, 0.13% in deodorants/antiperspirants, 0.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.6% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.8% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 2.5% in mouthwashes, breath sprays, and toothpastes, 0.3% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
TOSYLAMIDE/ FORMALDEHYDE RESIN	TOLUENESULFON AMIDE/FORMALD EHYDE RESIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 13%.	
trans-2-HEXENAL	TRANS-2- HEXENAL	6728-26-3	The European Commission restricts this ingredient to a maximum concentration of 0.002% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
trans-2-HEXENAL	TRANS-2- HEXENAL	6728-26-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.02% in mouthwashes, breath sprays, and toothpastes, 0% in intimate wipes, and baby wipes, 0% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
trans-CINNAMONITRILE	Cinnamyl nitrile	1885-38-7	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.03% in lip products, 0.04% in deodorants/antiperspirants, 0.13% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.13% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.13% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.8% in mouthwashes, breath sprays, and toothpastes, 0.08% in intimate wipes, and baby wipes, 0.13% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.13% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
trans-ISOEUGENOL	TRANS- ISOEUGENOL	5932-68-3		The European Commission requires that the presence of this substance be indicated in the list of ingredients when its concentration exceeds 0.001% in leave-on products and 0.01% in rinse-off products.
trans-ROSE KETONE-1	TRANS-ROSE KETONE-1	24720-09-0	The European Commission restricts this ingredient to a maximum concentration of 0.02% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
trans-ROSE KETONE-1	Rose ketones	24720-09-0	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
trans-ROSE KETONE-2	TRANS-ROSE KETONE-2	23726-91-2	The European Commission restricts this ingredient to a maximum concentration of 0.02% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
trans-ROSE KETONE-2	Rose ketones	23726-91-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
trans-ROSE KETONE-3	TRANS-ROSE KETONE-3	71048-82-3	The European Commission restricts this ingredient to a maximum concentration of 0.02% in non-oral products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
trans-ROSE KETONE-3	Rose ketones	71048-82-3	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
trans-ROSE KETONE-5	trans-ROSE KETONE-5	39872-57-6	The European Commission restricts this ingredient to a maximum concentration of 0.02%.	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
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trans-ROSE KETONE-5	Rose ketones	39872-57-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0% in lip products, 0% in deodorants/antiperspirants, 0.02% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.02% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.02% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.07% in mouthwashes, breath sprays, and toothpastes, 0.01% in intimate wipes, and baby wipes, 0.02% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.02% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TREEMOSS CONCRETE	Treemoss Extracts	68648-41-9	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.02% in lip products, 0.03% in deodorants/antiperspirants, 0.1% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.1% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.1% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 0.5% in mouthwashes, breath sprays, and toothpastes, 0.1% in intimate wipes, and baby wipes, 0.1% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.1% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
TREEMOSS CONCRETE	Treemoss Extracts	68648-41-9	The International Fragrance Association restricts the dehydroabietic acid (DHA) concentration of this ingredient to a maximum of 0.8% in the extract, and the levels of atranol and chloroatranol should each be below 100ppm.	
TRI-C14-15 ALKYL CITRATE	TRI-C14-15 ALKYL CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRIACETIN	Triacetin		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
TRIALPHAHYDROXYFRUITACI DS			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
TRIBEHENIN	TRIBEHENIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
TRIBEHENIN PEG-20 ESTERS	Tribehenin Peg-20 Esters	220207-10-3	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIBUTYL CITRATE	TRIBUTYL CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%.	
TRICAPRIN	TRICAPRIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.75%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRICAPRYLIN	TRICAPRYLIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 13%	
TRICETEARETH 4 PHOSPHATE	Triceteareth 4 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRICETETH-5 PHOSPHATE	Triceteth-5 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRICLOCARBAN	Triclocarban	101-20-2	The European Commission restricts this ingredient to a maximum concentration of 1.5% in rinse-off products (with the purity criteria of less than or equal to 1 ppm of both 3,3',4,4'- Tetrachloroazobenzene and 3,3',4,4'- Tetrachloroazoxybenzene). For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TRICLOCARBAN	Triclocarban	101-20-2	The European Commission restricts this ingredient to a maximum concentration of 1.5% in rinse-off products (with the purity criteria of less than or equal to 1 ppm of both 3,3',4,4'- Tetrachloroazobenzene and 3,3',4,4'- Tetrachloroazoxybenzene). For purposes other than inhibiting the development of micro-organisms in the product, this purpose has to be apparent on the product label.	
TRICLOCARBAN	Trichlorocarbanilid e		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in products meant to be applied to the mucosa.	
TRICLOCARBAN	Trichlorocarbanilid e		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.3% in leave-on products (not applied to mucosa).	
TRICLOCARBAN	1-(4-Chlorophenyl)- 3-(3,4- dichlorophenyl)ure a (6)	101-20-2	(*) The European Commission restricts this ingredient to a maximum concentration of 0.20%	
TRICLOSAN	Triclosan		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.3%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRICLOSAN	Triclosan	3380-34-5	Health Canada restricts this ingredient to a maximum concentration of 0.03% in mouthwash and 0.3% in other cosmetic products. Additionally, the following impurities are restricted to the following maximum concentrations: 0.1 ng/g of 2,3,7,8-tetra-chlorodibenzo- p-dioxin and 2,3,7,8-tetra- chlorodibenzofuran, 10 microgram/g of total other PCDD/PCDF impurities, with no individual impurity greater than 5 microgram/g.	Health Canada requires the following text on the package/label of oral products: - 'The product is not to be used by children under the age of 12'. For mouthwashes, the product package/label must also list: - 'Avoid swallowing'.
TRICLOSAN	TRICHLOROHYDR OXYDIPHENYLET HERTRICLOSAN		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1%.	
TRICLOSAN	5-Chloro-2-(2,4- dichlorophenoxy)p henol	3380-34-5	(*) The European Commission restricts this ingredient to a maximum concentration of 0.3% in toothpastes, hand soaps, body soaps/shower gels, non-spray deodorants, face powders and blemish concealers, and nail products for cleaning the fingernails and toenails before the application of artificial nail systems, and 0.2% in mouthwashes.	
TRIDECETH-10	TRIDECETH-10	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TRIDECETH-10 PHOSPHATE	Trideceth-6 Phosphate	9046-01-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-10 PHOSPHATE	Trideceth-3 Phosphate	9046-01-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-10 PHOSPHATE	Trideceth-10 Phosphate	9046-01-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-11	TRIDECETH-11	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-12	TRIDECETH-12	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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TRIDECETH-15	TRIDECETH-15	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-15 CARBOXYLIC ACID	Trideceth-15 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-15 TRIDECYL ETHER CARBOXYLIC ACID	Trideceth-15 Tridecyl Ether Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-18	TRIDECETH-18	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-19 CARBOXYLIC ACID	Trideceth-19 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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TRIDECETH-2	TRIDECETH-2	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-2 CARBOXAMIDE MEA	TRIDECETH-2 CARBOXAMIDE MEA		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-2 CARBOXAMIDE MEA	TRIDECETH-2 CARBOXAMIDE MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
TRIDECETH-20	TRIDECETH-20	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-21	TRIDECETH-21	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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TRIDECETH-3	TRIDECETH-3	4403-12-7	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-3 CARBOXYLIC ACID	Trideceth-3 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-3 PHOSPHATE	Trideceth-3 Phosphate	9046-01-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-4	TRIDECETH-4	69011-36-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-4 CARBOXYLIC ACID	Trideceth-4 Carboxylic Acid	127174-97-4	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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TRIDECETH-5	TRIDECETH-5	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-50	TRIDECETH-50	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-6	TRIDECETH-6	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-6 PHOSPHATE	Trideceth-6 Phosphate	9046-01-9	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-7	TRIDECETH-7	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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TRIDECETH-7 CARBOXYLIC ACID	Trideceth-7 Carboxylic Acid	56388-96-6	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-8	TRIDECETH-8	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-8 CARBOXYLIC ACID	Trideceth-8 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-8	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-7	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRIDECETH-9	TRIDECETH-6	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-50	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-5	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-21	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-20	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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TRIDECETH-9	TRIDECETH-2	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-18	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-15	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-12	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	TRIDECETH-11	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

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TRIDECETH-9	TRIDECETH-10	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9	Trideceth-9	24938-91-8	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9 PG- AMODIMETHICONE	Trideceth-9 Pg- Amodimethicone		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECETH-9/ PEG-5 OCTANOATE	Trideceth-9/ Peg- 5 Octanoate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIDECYL ISONONANOATE	TRIDECYL ISONONANOATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 9%.	
TRIDECYL SALICYLATE	TRIDECYL SALICYLATE		The Cosmetic Ingredient Review restricts the use of this ingredient to products formulated to avoid increasing sun sensitivity or when directions for use include daily use of sun protection.	

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TRIDECYLHEXAETHOXYLATE	Tridecylhexaethox ylate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIETHANOLAMINE	Triethanolamine	102-71-6	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TRIETHANOLAMINE	Triethanolamine	102-71-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5% in leave-on products. Additionally, it cannot be used in products where N- nitroso compounds may be formed.	
TRIETHANOLAMINE	Triethanolamine	102-71-6	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRIETHANOLAMINE LAURYL SULFATE	TRIETHANOLAMI NE LAURYL SULFATE	139-96-8	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TRIETHANOLAMINE LAURYL SULFATE	TEA-LAURYL SULFATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10.5%.	
TRIETHANOLAMINE POLYOXYETHYLENE ALKYLPHENYLETHER PHOSPHATE	TRIETHANOLAMI NE POLYOXYETHYLE NE ALKYLPHENYLET HER PHOSPHATE		The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TRIETHOXYCAPRYLYLSILANE	Triethoxycaprylyls ilane	2943-75-1	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 2.6%	
TRIETHYL CITRATE	TRIETHYL CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 6%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRIETHYLENE GLYCOL	Triethylene glycol	112-27-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.2%.	
TRIFLUOROPROPYL DIMETHICONE/PEG-10 CROSSPOLYMER	Trifluoropropyl Dimethicone/peg- 10 Crosspolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIHEPTANOIN	TRIHEPTANOIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 5%	
TRIHYDROXYSTEARIN	TRIHYDROXYSTE ARIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 15%.	
TRIISOCETYL CITRATE	TRIISOCETYL CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3% in leave-on products.	
TRIISONONANOIN	TRIISONONANOIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 25%	
TRIISOPROPANOLAMINE	TRIISOPROPANOL AMINE	122-20-3	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRIISOPROPANOLAMINE	TRIISOPROPANOL AMINE	122-20-3	The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
TRIISOSTEARIN	TRIISOSTEARIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 45%	
TRIISOSTEARIN PEG-6 ESTERS	Triisostearin Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRILAURETH-4 PHOSPHATE	Trilaureth-4 Phosphate	31800-90-5	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRILAURETH-9 CITRATE	Trilaureth-9 Citrate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRILAURIN	TRILAURIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 46%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRILAURYLAMINE	TRILAURYLAMINE	102-87-4	The European Commission restricts this ingredient to a maximum concentration of 2.5% in leave-on products. Additionally, this substance cannot be used with nitrosating systems, the minimum purity of the ingredient should be 99%, it cannot have a secondary amine content of more than 0.5% (applies to raw materials), it cannot have a nitrosamine content of more than 50 microgram/kg, and it should be kept in nitrite-free containers.	
TRILINOLEIN	TRILINOLEIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.017%	
TRIMELLITIC ANHYDRIDE	Trimellitic Anhydride	552-30-7	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
TRIMETHOXYCAPRYLYLSILANE	Trimethoxycapryly Isilane	3069-40-7	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.77%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRIMETHYL- BENZENEPROPANOL	2,2-Dimethyl-3-(3- tolyl)propan-1-ol (Majantol)	103694-68-4	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.28% in lip products, 0.36% in deodorants/antiperspirants, 1.5% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 4.5% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 2.4% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 7.2% in mouthwashes, breath sprays, and toothpastes, 0.8% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
TRIMETHYL- BENZENEPROPANOL	2,2-Dimethyl-3-(3- tolyl)propan-1-ol (Majantol)	103694-68-4	The International Fragrance Association restricts the total chlorine content of this ingredient's raw material to a maximum concentration of 25ppm.	
TRIMETHYLOLETHANE- BENZOIC ACID-PHTHALIC ANHYDRIDE RESIN	Trimethylolethane- Benzoic Acid- Phthalic Anhydride Resin		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRIMETHYLSILOXYSILICATE/DI METHICONOL CROSSPOLYMER	TRIMETHYLSILOX YSILICATE/DIMET HICONOL CROSSPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
TRIMYRISTIN	TRIMYRISTIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 8%	
TRIOCTYLDODECYL BORATE	TRIOCTYLDODEC YL BORATE		The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'
TRIOLEIN	TRIOLEIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.14%	
TRIOLEIN PEG-6 ESTERS	Triolein Peg-6 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRIOLETH-8 PHOSPHATE	Trioleth-8 Phosphate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
TRIPALMITIN	TRIPALMITIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 19%	
TRIPEPTIDE-1	Tripeptide-1		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of up to 0.001%	
TRIPLEFRUITACID			Health Canada restricts this ingredient to a maximum concentration of 10% and a minimum pH of 3.5. Additionally, preparations containing concentrations of AHAs between 10% and 30% or a pH between 3.0 to 3.5 may be permitted for professional use if the manufacturer provides Health Canada with evidence of their safety including pH levels, AHA concentrations, directions for use, and clinical studies demonstrating minimal skin irritation. Preparations intended to be diluted in bath water may contain levels of citric acid exceeding 10%.	Health Canada requires the following on the product label/package in all skin products containing AHAs at concentrations equal to or greater than 3%: - 'Use only as directed'; - 'Avoid contact with the eyes'; - 'If irritation persists, discontinue use and consult a physician'; - 'It is recommended that prior to exposure to the sun, users cover areas where AHAs have been applied with sunscreen'; - 'Contact of the product with the skin must be of limited frequency or duration.'
TRISODIUM EDTA	TRISODIUM EDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
TRISODIUM GLYCYRRHIZATE	TRISODIUM GLYCYRRHIZATE		The Cosmetic Ingredient Review has identified the following potential contaminants/impurities in this ingredient: pesticides/PCBs, toxic metals, and heavy metals.	
TRISODIUM HEDTA	TRISODIUM HEDTA		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
TRITICUM VULGARE (WHEAT) GERM OIL	TRITICUM VULGARE (WHEAT) GERM OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 28%	
TRITICUM VULGARE (WHEAT) GERM OIL UNSAPONIFIABLES	Triticum Vulgare (Wheat) Germ Oil Unsaponifiables		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.2%	
TRITICUM VULGARE (WHEAT) GLUTEN	TRITICUM VULGARE (WHEAT) GLUTEN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
TRITICUM VULGARE (WHEAT) GLUTEN	WHEAT (TRITICUM VULGARE) GLUTEN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
TRITICUM VULGARE (WHEAT) KERNEL FLOUR	WHEAT (TRITICUM VULGARE) FLOUR		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	
TRITICUM VULGARE (WHEAT) KERNEL FLOUR	TRITICUM VULGARE (WHEAT) KERNEL FLOUR		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
TROMETHAMINE	Tromethamine	77-86-1	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
TUNGSTEN CARBIDE	Tungsten Carbide	12070-12-1	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
TURPENTINE OIL	TURPENTINE OIL	8006-64-2	The European Commission restricts this ingredient's peroxide content to less than 10 mmoles/L (this limit applies to the substance and not the finished cosmetic product).	
UBIQUINONE	Ubidecarenone		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
UBIQUINONE	Ubidecarenone		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.03% in products meant to be applied to the mucosa.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ULTRAMARINES	Ultramarines.		The U.S. Food and Drug Administration restricts the lead, arsenic, and mercury content of this ingredient to maximum concentrations of 20 ppm, 3 ppm, and 1 ppm, respectively.	
Undec-10-enoic acid and its salts			(*) The European Commission restricts this ingredient to a maximum concentration of 0.2% (as acid)	
UNDECETH-11	UNDECETH-11		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
UNDECETH-3	UNDECETH-3		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
UNDECETH-5	UNDECETH-5	34398-01-1	(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
UNDECETH-5 CARBOXYLIC ACID	Undeceth-5 Carboxylic Acid		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
UNDECETH-7	UNDECETH-7		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
UNDECETH-8	UNDECETH-8		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
UNDECETH-9	UNDECETH-9		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
UNDECYLENAMIDE DEA	UNDECYLENAMID E DEA	25377-64-4	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
UNDECYLENAMIDE DEA	UNDECYLENAMID E DEA		The Cosmetic Ingredient Review restricts this ingredient to cosmetics products in which N-nitroso compounds cannot form (do not contain nitrosating agents).	
UNDECYLENAMIDE MEA	UNDECYLENICACI DMONOETHANOL AMIDE		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in leave-on products.	
UNDECYLENAMIDE MEA	UNDECYLENAMID E MEA		(*) The Cosmetic Ingredient Review does not allow the use of this ingredient in cosmetic products where N-nitroso compounds may be formed.	
UNDECYLENAMIDOPROPYL PEG-2 DIMONIUM UNDECYLENATE	Undecylenamidop ropyl Peg-2 Dimonium Undecylenate		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
undecyleneamidopropyl betaine			The Cosmetic Ingredient Review panel reccomends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% i	
UNDECYLENOYL GLYCINE	undecylenoyl glycine		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.3%	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
UNDECYLENOYL PEG 5 PARABEN	Undecylenoyl Peg 5 Paraben		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
UNDECYLENOYL	undecylenoyl		The Cosmetic Ingredient Review has	
PHENYLALANINE	phenylalanine		determined that this ingredient is safe as used up to 2%	
UNSPECIFIED MINERALS	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
UREA	Urea	57-13-6	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
UREA	Urea	57-13-6	Health Canada restricts this ingredient to a maximum concentration of 10% (cosmetics intended to be diluted in bath water may contain levels exceeding 10% urea).	
VA/ CROTONATES COPOLYMER	VA/crotonates copolymer		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%.	
VA/ CROTONATES COPOLYMER	VINYL ACETATE/CROTO NIC ACID COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%.	
VA/ CROTONATES COPOLYMER	VA/CA (VINYL ACETATE/CROTO NIC ACID) COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 11%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
VA/CROTONIC ACID/PEG-20M COPOLYMER	Va/crotonic Acid/peg-20m Copolymer		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
VACCINIUM MACROCARPON (CRANBERRY) SEED OIL	VACCINIUM MACROCARPON (CRANBERRY) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
VACCINIUM MACROCARPON (CRANBERRY) SEED OIL	VACCINIUM MACROCARPON (CRANBERRY) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 2%	
VACCINIUM MYRTILLUS (BILBERRY) SEED OIL	VACCINIUM MYRTILLUS SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
VACCINIUM MYRTILLUS (BILBERRY) SEED OIL	VACCINIUM MYRTILLUS SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 0.1%	
VEGETABLE FATTY ACID	VEGETABLE (OLUS) OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 31%	
VEGETABLE GLYCERIN	Glycerin	56-81-5	Health Canada requires manufacturers of oral and leave-on products containing glycerin to ensure the raw material used is within the specifications of an accepted pharmacopoeia with respect to diethylene glycol (DEG) impurities.	

VERBENA (LIPPIA Verbena absolute 8024-12-2 The International Fragrance Association   CITRIODORA) OIL (Lippia citriodora restricts this ingredient to a maximum   Kunth.) Commentation of 0.05% in lip products,   0.06% in deodorants/antiperspirants, 0.2% in hydroalcoholic products   0.80% in deodorants/antiperspirants, 0.2% in hydroalcoholic products,   and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to   unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays,   body creams, oils and lotions, and foot carear products, 0.2% in moments facial   creares and makeup, hand creams, facial masks, baby powder, wipes, hand   sanitizers, and dry shampoos, 1.2% in mouthwashes, breath sprays, and   toothpastes, 0.12% in intimate wipes, and baby wipes, 0.2% in makeup   removers, non-spray hair styling aids, nail products, powders, and hair dyes,   and baby wipes, 0.2% in bath products (bar and baby wipes, 0.2% in bath products (bar and	Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	VERBENA (LIPPIA CITRIODORA) OIL	Verbena absolute (Lippia citriodora Kunth.)	8024-12-2	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.05% in lip products, 0.06% in deodorants/antiperspirants, 0.2% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 0.2% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.2% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.2% in mouthwashes, breath sprays, and toothpastes, 0.12% in intimate wipes, and baby wipes, 0.2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 0.2% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
VETIVERIA ZIZANIOIDES ROOT EXTRACT ACETYLATED	Acetylated Vetiver oil	84082-84-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.07% in lip products, 0.08% in deodorants/antiperspirants, 0.35% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.04% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.55% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.67% in mouthwashes, breath sprays, and toothpastes, 0.17% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).
			Concentration of 0.07% in hip products, 0.08% in deodorants/antiperspirants, 0.35% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.04% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.55% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.67% in mouthwashes, breath sprays, and toothpastes, 0.17% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).

Substance/Ingredient Alternative name CAS	EWG VERIFIED™ Product Restrictions * Labels Must Bear These Warnings
Vetiverol acetate, distilled Acetylated Vetiver oil 73246-97-6	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.07% in lip products, 0.08% in deodorants/antiperspirants, 0.35% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.04% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.55% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.67% in mouthwashes, breath sprays, and toothpastes, 0.17% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.)

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
VETIVERYL ACETATE	Acetylated Vetiver oil	62563-80-8	The International Fragrance Association restricts this ingredient to a maximum concentration of 0.07% in lip products, 0.08% in deodorants/antiperspirants, 0.35% in hydroalcoholic products applied to recently shaved skin, men's facial creams and balms, eye products, and baby creams, lotions and oils, 1.04% in hydroalcoholic products applied to unshaved skin (e.g. perfume), body sprays, hair styling aids and sprays, body creams, oils and lotions, and foot care products, 0.55% in women's facial creams and makeup, hand creams, facial masks, baby powder, wipes, hand sanitizers, and dry shampoos, 1.67% in mouthwashes, breath sprays, and toothpastes, 0.17% in intimate wipes, and baby wipes, 2% in makeup removers, non-spray hair styling aids, nail products, powders, and hair dyes, and 5% in bath products (bar and liquid soap, bath gels, body washes, depilatories, facial cleansers, shampoos, conditioners, etc.).	
VIRACEA	Benzalkonium Chloride	8001-54-5	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1% as the free active ingredient.	

Substance/Ingredient	Alternative name CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
VIRACEA	BENZALKONIUMC 8001-54-5 HLORIDE	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
VIRACEA	BENZALKONIUMC 61789-71-7 HLORIDE	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
VIRACEA	BENZALKONIUMC 68391-01-5 HLORIDE	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
VIRACEA	BENZALKONIUMC 68424-85-1 HLORIDE	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
VIRACEA	BENZALKONIUMC HLORIDE	85409-22-9	Health Canada restricts this ingredient to a maximum concentration of 0.1% as a preservative (i.e. benzalkonium chloride with chain lengths less than or equal to 14 C) in all products and 3% as a conditioning agent (i.e. benzalkonium chloride with chain lengths greater than or equal to 16 C) in rinse-off products.	Health Canada requires the following on the product label/package in all products containing more than 0.1% benzalkonium chloride: - 'Avoid contact with eyes.'
VIRACEA	BENZALKONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in products meant to be applied to the mucosa.	
VIRACEA	BENZALKONIUMC HLORIDE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in leave-on products (not applied to mucosa).	
VITAMIN D	Ergocalciferol	50-14-6	Health Canada restricts the average daily absorption of this ingredient to a maximum of 25 micrograms per day.	
VITAMIN D2	Ergocalciferol	50-14-6	Health Canada restricts the average daily absorption of this ingredient to a maximum of 25 micrograms per day.	
VITAMIN D3	Cholecalciferol	67-97-0	Health Canada restricts the average daily absorption of this ingredient to a maximum of 25 micrograms per day.	
VITAMIN E SUCCINATE	TOCOPHEROL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 5%.	
VITIS VINIFERA (GRAPE) SEED OIL	VITIS VINIFERA (GRAPE) SEED OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to 43%	
Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
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VOLCANIC ROCK	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
VP/VA COPOLYMER	VP/VA COPOLYMER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	
WHEAT GERM DEA			The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 12%.	
WHEAT GERM GLYCERIDES	WHEAT GERM GLYCERIDES		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
WHEAT GERM OIL PEG-40 BUTYLOCTANOL ESTERS	Wheat Germ Oil Peg-40 Butyloctanol Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	
WHEAT GERM OIL PEG-8 ESTERS	Wheat Germ Oil Peg-8 Esters		(*) The U.S. Food & Drug Administration has identified 1,4-dioxane as a potential impurity in this ingredient and recommends that manufacturers utilize vacuum stripping at the end of the polymerization process.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
WHEAT GERMAMIDE DEA	Wheat germamide DEA	124046-39-5	The European Commission restricts the usage and purity of this ingredient: the maximum secondary amine content cannot exceed 0.5% (applies to raw materials); the ingredient cannot be used with nitrosating systems; the minimum purity should be at least 99%; the maximum nitrosamine content cannot exceed 50 microgram/kg; and the product must be kept in nitrite-free containers	
WHEAT GERMAMIDOPROPYL BETAINE	wheat germamidopropyl betaine	133934-09-5	The Cosmetic Ingredient Review panel recommends the concentrations of DMAPA and the amidoamine in this ingredient should not exceed 0.01% and 0.5% respectively. Additionally this ingredient may not be used in leave-on products and must not exceed 4% in baby shampoos, 6% in other baby products, 7% in bath oils, tablet and salts, 6% in bubble baths and other bath preparations, 4% in hair conditioners, 9% in shampoos, 10% in bath soaps and detergents, 11% in shaving products, and 7% in skin cleansing products.	
WHEAT GERMAMIDOPROPYL DIMETHYLAMINE	Wheat germamidopropyl dimethylamine		This ingredient cannot be used in leave- on products and must not exceed 0.5% in rinse-off products. Additionally, this ingredient should not contain DMAPA at concentrations greater than 0.01%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
WHITE CLAY POWDER	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
WHITE PETROLATUM	WHITE PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
WHITE PETROLATUM	WHITE PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
WHITE PETROLATUM	WHITE PETROLATUM		The European Commission bans this ingredient from use in cosmetics if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.	
ZEA MAYS (CORN) COB MEAL	ZEA MAYS (CORN) COB MEAL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
ZEA MAYS (CORN) COB POWDER	ZEA MAYS (CORN) COB POWDER		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 10%.	
ZEA MAYS (CORN) GERM OIL	ZEA MAYS (CORN) GERM OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 25%.	
ZEA MAYS (CORN) GLUTEN PROTEIN	ZEA MAYS (CORN) GLUTEN PROTEIN		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZEA MAYS (CORN) KERNEL EXTRACT	ZEA MAYS (CORN) KERNEL EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
ZEA MAYS (CORN) KERNEL MEAL	ZEA MAYS (CORN) KERNEL MEAL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 3%.	
ZEA MAYS (CORN) OIL	ZEA MAYS (CORN) OIL		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 14%.	
ZEA MAYS (CORN) SILK EXTRACT	ZEA MAYS (CORN) SILK EXTRACT		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.1%.	
ZEOLITE	CLAYS AND MINERALS		Products containing clays and minerals must meet international heavy metal limits of: Lead: 10 ppm, Arsenic: 3 ppm, Cadmium: 3 ppm, Mercury: 1 ppm, Antimony: 5 ppm, Chromium: 100 ppm, and Nickel: 200 ppm; in the finished product.	
ZINC	ZINC	1314-13-2	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ZINC ACETATE	ZINC ACETATE	557-34-6	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC ADENOSINE TRIPHOSPHATE	ZINC ADENOSINE TRIPHOSPHATE	6602-83-1	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC ASCORBATE	ZINC ASCORBATE	134343-96-7	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC ASPARTATE	ZINC ASPARTATE	36393-20-1	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZINC BORATE	ZINC BORATE	1332-07-6	The European Commission restricts this ingredient to a maximum concentration of 5% (as boric acid) in talc, but it cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). Additionally, the European Commission restricts its concentration to 0.1% (as boric acid) in oral products. For all other products (excluding bath products and hair waving products), the maximum concentration is restricted to 3% (as boric acid) and cannot be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid). For all product types, this ingredient cannot be used for children under 3 years of age. Lastly, the European Commission restricts this ingredient to a maximum concentration of 1% (as zinc) in all product types.	The European Commission requires the following warning text on the label/package of talc products: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'. For oral products, the following are required on the product label/package: - 'Not to be swallowed'; 'Not to be used for children under 3 years of age'. Lastly, for all other product types (excluding bath products and hair waving products), the following are required on the label/package: - 'Not to be used for children under 3 years of age'; - 'Not to be used on peeling or irritated skin'
ZINC CHLORIDE	zinc chloride	7646-85-7	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC CITRATE	ZINC CITRATE TRIHYDRATE	546-46-3	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC CITRATE	ZINC CITRATE	546-46-3	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC CITRATE	ZINC CITRATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2% in rinse-off products and 0.05% in leave- on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ZINC CITRATE TRIHYDRATE	ZINC CITRATE TRIHYDRATE	546-46-3	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC CITRATE TRIHYDRATE	ZINC CITRATE	546-46-3	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC COCETH SULFATE	ZINC COCETH SULFATE		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC COCO-SULFATE	ZINC COCO- SULFATE	22397-58-6	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC CYSTEINATE	ZINC CYSTEINATE		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC DIBUTYLDITHIOCARBAMATE	ZINC DIBUTYLDITHIOC ARBAMATE	136-23-2	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC FORMALDEHYDE SULFOXYLATE	ZINC FORMALDEHYDE SULFOXYLATE	24887-06-7	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC GLUCOHEPTONATE	ZINC GLUCOHEPTONA TE	12565-63-8	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC GLUCONATE	ZINC GLUCONATE		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC GLUTAMATE	ZINC GLUTAMATE	1949-15-1	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC GLUTAMATE	GLUTAMIC ACID, ZINC SALT, DL-	1949-15-1	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC GLYCINATE	ZINC GLYCINATE	14281-83-5	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZINC HYDROLYZED COLLAGEN	ZINC HYDROLYZED COLLAGEN		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC LACTATE	ZINC LACTATE	16039-53-5	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC MAGNESIUM ASPARTATE	ZINC MAGNESIUM ASPARTATE		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC MYRISTATE	ZINC MYRISTATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 20%.	
ZINC OXIDE	ZINC	1314-13-2	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	
ZINC OXIDE (sunscreen grade > 100nm)	ZINC	1314-13-2	EWG does not allow this ingredient in powders or sprays because the Association of Occupational and Environmental Clinics (AOEC) has classified this substance as an asthmagen.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZINC OXIDE (sunscreen grade > 100nm)	zinc oxide		The European Commission restricts this ingredient to a maximum concentration of 25%. In the case of combined use with Zinc Oxide (nano), the sum shall not exceed the limit of 25%. Additionally, this ingredient may not be used in applications that may lead to exposure of the end-user's lungs by inhalation. Only nanomaterials having the following characteristics are allowed: — purity $\geq$ 96 %, with wurtzite crystalline structure and physical appearance as clusters that are rod- like, star-like and/or isometric shapes, with impurities consisting only of carbon dioxide and water, whilst any other impurities are less than 1 % in total, — median diameter of the particle number size distribution D50 (50 % of the number below this diameter) > 30 nm and D1 (1 % below this size) > 20 nm, — water solubility < 50 mg/L, —uncoated, or coated with triethoxycaprylylsilane, dimethicone, dimethoxydiphenylsilanetriethoxycapry lylsilane cross- polymer, or octyl triethoxy silane.	
ZINC PCA	ZINC PCA		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC PENTADECENE TRICARBOXYLATE	ZINC PENTADECENE TRICARBOXYLATE		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZINC PEROXIDE	zinc peroxide	1314-22-3	The European Commission restricts this	The European Commission requires the
			ingredient to a maximum concentration	following on the label/package of hair
			of 12% of H2O2 (40 volumes, present or	products: - 'Wear suitable gloves'; -
			released) in hair products, 4% of H2O2	'Contains hydrogen peroxide'; - 'Avoid
			(present or released) in skin products,	contact with eyes'; - 'Rinse immediately
			2% of H2O2 (present or released) in nail	if product comes into contact with
			hardening products, 0.1% of H2O2	them'. For skin and nail hardening
			(present or released) in oral products,	products, the following warnings are
			including mouth rinse, tooth paste and	required: '- 'Contains hydrogen
			tooth whitening or bleaching products,	peroxide'; - 'Avoid contact with eyes'; -
			and greater than 0.1% but less than or	'Rinse immediately if product comes
			equal to 6% of H2O2 (present or	into contact with them'. For tooth
			released) in tooth whitening or	whitening or bleaching products: -
			bleaching products. Additionally, the	'Contains hydrogen peroxide'; - 'Avoid
			products with this ingredient can only	contact with eyes'; - 'Rinse immediately
			be sold to dental practitioners, and for	if product comes into contact with
			each cycle of use, the first use must be	them'; - Concentration of H 2O 2
			done by dental practitioners or under	present or released indicated in
			their direct supervision if an equivalent	percentage; - 'Not to be used on a
			level of safety is ensured. Afterwards,	person under 18 years of age'; - 'To be
			the product may be provided to the	only sold to dental practitioners'; - 'For
			consumer to complete the cycle of use.	each cycle of use, the first use to be
			The product cannot to be used on a	only done by dental practitioners or
			person under 18 years of age. Lastly, for	under their direct supervision if an
			products intended for eyelashes, the	equivalent level of safety is ensured.
			concentration cannot exceed 2% of	Afterwards to be provided to the
			H2O2, present or released, and is	consumer to complete the cycle of use'.
			permitted for professional use only.	Lastly, the following must be labled on
				products intended for eyelashes: -
				'Wear suitable gloves'; - "For
				professional use only': - 'Avoid contact
				with avadu /Dince avec immediately if

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZINC PEROXIDE	ZINCPEROXIDE	1314-22-3	Health Canada requires manufacturers of oral products containing peroxides or peroxide-generating compounds to submit the following information: - data on the pH of the cosmetic product, when it is applied to the tooth or teeth, i.e. that the pH is greater than or equal to 4.0; - product labelling demonstrating that all cautionary statement requirements have been met. If an oral cosmetic contains more than 3% hydrogen peroxide (or equivalent), notifiers must submit safety evidence that the product does not cause the saliva or soft tissue of the oral cavity to exceed 3% hydrogen peroxide, and is safe when used as directed.	Health Canada requires the following warning text on the package/label of oral products: - 'If irritation (such as redness, swelling, soreness) of the gums or the mouth occurs, discontinue use and consult a dentist'; - 'Products containing peroxides are not recommended for use by children under 12 years of age'; - 'Use for periods of longer than 14 days is to be only under the supervision of a dentist'; - 'Avoid swallowing the cosmetic or part thereof'; - 'Avoid contact of the product with the eye'; - 'Avoid direct contact of the active surface of the tooth whitening product with the gums and/or salivary flow.'
ZINC PHENOLSULFONATE	ZINC PHENOLSULFON ATE	127-82-2	The European Commission restricts this ingredient to a maximum concentration of 6% (as % of anhydrous substance) in deodorants, antiperspirants, and astringent lotions.	The European Commission requires the following warning text on the product label/package: - 'Avoid contact with eyes'
ZINC PHENOLSULFONATE	ZINC PHENOLSULFON ATE	127-82-2	The European Commission restricts this ingredient to a maximum concentration of 6% (as % of anhydrous substance) in deodorants, antiperspirants, and astringent lotions.	The European Commission requires the following warning text on the product label/package: - 'Avoid contact with eyes'
ZINC PHENOLSULFONATE	ZINC PHENOLSULFON ATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 4%.	
ZINC PHENOLSULFONATE	ZINCPPHENOLSU LFONATE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 2% in leave-on products.	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED <sup>™</sup> Product Restrictions *	Labels Must Bear These Warnings
ZINC PICOLINATE	ZINC PICOLINATE	17949-65-4	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC PYRITHIONE	Zinc pyrithione	13463-41-7	The European Commission restricts this ingredient to a maximum concentration of 0.1% in leave-on hair products. For purposes other than inhibiting the development of microorganisms in the product, this purpose has to be apparent on the product label.	
ZINC PYRITHIONE	Zinc pyrithione	13463-41-7	The European Commission restricts this ingredient to a maximum concentration of 0.1% in leave-on hair products. For purposes other than inhibiting the development of microorganisms in the product, this purpose has to be apparent on the product label.	
ZINC PYRITHIONE	ZINCPYRITHIONE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.1% in rinse-off products (not applied to mucosa).	
ZINC PYRITHIONE	ZINCPYRITHIONE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.01% in products meant to be applied to the mucosa.	
ZINC PYRITHIONE	ZINCPYRITHIONE		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.01% in leave-on products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZINC PYRITHIONE	Pyrithione zinc (4)	13463-41-7	(*) The European Commission restricts this ingredient to a maximum concentration of 1.0% in hair products and 0.5% in other products	
ZINC RICINOLEATE	ZINC RICINOLEATE		The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 2%.	
ZINC SALICYLATE ZINC SALICYLATE	ZINC SALICYLATE ZINC SALICYLATE	16283-36-6	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC SULFATE	ZINC SULFATE	7733-02-0	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC SULFATE	ZINC SULFATE, MONOHYDRATE	7446-19-7	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC SULFATE MONOHYDRATE	ZINC SULFATE, MONOHYDRATE	7446-19-7	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC SULFATE, MONOHYDRATE	ZINC SULFATE, MONOHYDRATE	7446-19-7	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC SULFIDE	Luminescent zinc sulfide		The U.S. Food and Drug Administration restricts the copper, lead, arsenic, mercury, and cadmium content of this ingredient to maximum concentrations of 5 ppm, 20 ppm, 3 ppm, 1 ppm and 15 ppm, respectively.	
ZINC THIOSALICYLATE	ZINC THIOSALICYLATE	16742-82-8	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINC UNDECYLENOYL HYDROLYZED WHEAT PROTEIN	ZINC UNDECYLENOYL HYDROLYZED WHEAT PROTEIN		The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZINC(II) NITRATE	ZINC(II) NITRATE	7779-88-6	The European Commission restricts this ingredient to a maximum concentration of 1% (as zinc).	
ZINCAMMONIAANDSILVERSUB STITUTEDZEOLITESODIUMALU MINOSILICATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1% in rinse- off products (not applied to mucosa).	
ZINCAMMONIAANDSILVERSUB STITUTEDZEOLITESODIUMALU MINOSILICATE			The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in products meant to be applied to the mucosa.	
ZINCAMMONIAANDSILVERSUB STITUTEDZEOLITESODIUMALU MINOSILICATE			The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 1% in leave-on products (not applied to mucosa).	
ZIRCONIUM POWDER	Zirconium	7440-67-7	Health Canada restricts the use of this ingredient to aluminum zirconium complexes and as zirconium lakes, salts and pigments of colouring agents only, and cannot be used in aerosol dispensers.	
ZIRCONIUM POWDER	Zirconium		The Japanese Ministry of Health, Labour and Welfare bans this ingredient from use in aerosol products.	
ZYTEX	thymol	89-83-8	The Cosmetic Ingredient Review has determined that this ingredient is safe as used up to a concentration of 0.5%.	
ZYTEX	thymol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in rinse-off products (not applied to mucosa).	

Substance/Ingredient	Alternative name	CAS	EWG VERIFIED™ Product Restrictions *	Labels Must Bear These Warnings
ZYTEX	thymol		The Japanese Ministry of Health, Labour and Welfare restricts this ingredient to a maximum concentration of 0.05% in leave-on products (not applied to mucosa).	