

A background image of Earth from space, showing the horizon and a bright sun or star on the left, creating a lens flare effect. The Earth's surface is visible with clouds and landmasses.

Banned & Restricted Cosmetic Ingredients
Global Index

2017 Ingredients Regulation Updates

At-A-Glance

The EU: Newly Prohibited Ingredients (banned since July, 2016)

- 4,4'-(4-Iminocyclohexa-2,5-dienylidenemethylene) dianiline hydrochloride
- Allyl nonanoate
- 2-aminophenol [1];
- bis(2-hydroxyanilinium) sulfate [2];
- 2-Aminophenol Hydrochloride [3]
- Arsenic acid and its salts
- Azafenidin (ISO)
- 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear
- Beryllium compounds with the exception of aluminium beryllium silicates
- Biphenyl-4-ylamine (4-Aminobiphenyl) and its salts
- Bromoxynil (ISO) 3,5-Dibromo-4-hydroxybenzonitrile [1] and Bromoxynil heptanoate (ISO) [2]
- Captan (ISO); 1,2,3,6-tetrahydro-N-(trichloromethylthio)phthalimide
- 4,4'-Carbonimidoylbis[N,N-dimethylaniline] and its salts
- Chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex
- Crocidolite
- Crotonaldehyde [1]; (E)-crotonaldehyde [2]
- Diaminotoluene[1]; [4-methyl-m-phenylene diamine][2]; [2-methyl-m-phenylene diamine][3]
- 3,3'-Dimethoxybenzidine (ortho-Dianisidine) and its salts
- 2,4-Dinitrotoluene [1]; Dinitrotoluene [2], technical grad
- Distillates (petroleum), petroleum residues vacuum
- Erionite
- Ethylene Glycol Monomethyl Ether [1]; EGMME [2]
- 2-Ethoxyethanol and its acetate (2-Ethoxyethyl acetate)
- Fluazifop-P-butyl (ISO)
- Flumioxazin
- Flusilazole
- Formaldehyde
- ETHOXYDIGLICO
- Gases (petroleum), dry sour, gas-concn. -unit-off, if they contain > 0.1 % w/w Butadiene
- Gases (petroleum), gas concn. reabsorber distn., if they contain > 0.1% w/w Butadiene
- Gases (petroleum), gas recovery plant depropanizer overheads, if they contain > 0.1% w/w Butadiene
- Gases (petroleum), hydrogen-rich, if they contain > 0.1% w/w Butadiene
- Gases (petroleum), hydrotreated sour kerosine flash drum, if they contain > 0.1 % w/w Butadiene
- Hydrocarbons, C4, if they contain > 0.1% w/w Butadiene
- 4-hydroxy-3,5-diiodobenzonitrile [1];
- 4-Cyano-2,6-diiodophenyl octanoate [2]
- Lead compounds with the exception of those specified elsewhere in this Annex
- Nickel monoxide [1]; nickel oxide [2]; bunsenite [3]
- Nickel (II) sulfide [1]; nickel sulfide [2]; millerite[3]
- 4-Nitrosophenol
- 5-Nitro-o-toluidine [1]
- 5-Nitro-o-toluidine hydrochloride [2]
- Malachite green hydrochloride [1]; Malachite green oxalate [2]
- Mineral wool, with the exception of those specified elsewhere in this Annex; [Man-made vitreous (silicate)fibres with random orientation with alkaline oxide and alkali
- earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight]
- 5-Nitro-o-toluidine [1]; 5-Nitro-o-toluidine hydrochloride [2]
- Pentachlorophenol [1]; Sodium pentachlorophenolate [2]; Potassium pentachlorophenolate [3]
- Pymetrozine (ISO)
- Residues, steam cracked, thermally treated
- Safrole, except for normal content in the natural essences used and provided that the concentration does not exceed: 100 ppm in the finished cosmetic product, 50 ppm in products for dental and oral hygiene, and provided that Safrole is not present in toothpastes intended specifically for children
- Sulphonamides (sulphanilamide and its derivatives obtained by substitution of one or more H-atoms of the -NH₂ groups) and their salts
- (+/-)-Tetrahydrofurfuryl -(R)-2-[4-(6-chloroquinoxalin-2-ylloxy)phenyloxy]propionate (Quizalofop-P-tefuryl - ISO)
- trans-4-cyclohexyl-L-proline monohydrochlorid
- 2,4,5-Trimethylaniline [1]
- 2,4,5-trimethylaniline hydrochloride [2]
- Trinickel disulfide; nickel subsulfid [1]; heazlewoodite [2]

2017 Ingredients Regulation Updates At-A-Glance

The EU: New and Amended Restricted Ingredients

Name	Product Type	Max Usage	Additional Considerations	Wording of conditions of Chemical name / use and warnings
Allyl nonanoate	Flavor and Fragrance Agent	Level of free allyl alcohol in the ester should be less than 0.1%		
Boric Acid	(a) Talc (b) Oral products (c) Other products (excluding bath products and hair waving products)	(a) 5% (as boric acid) (b) 0.1% (as boric acid) (c) 3% (as boric acid)	(a) Not to be used in products for children under 3 years of age -Not to be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid) (b) Not to be used in products for children under 3 years of age (c) Not to be used in products for children under 3 years of age -Not to be used on peeling or irritated skin if the concentration of free soluble borates exceeds 1.5% (as boric acid)	(a) Not to be used for children under 3 years of age -Not to be used on peeling or irritated skin (b) Not to be swallowed -Not to be used for children under 3 years of age (c) Not to be used for children under 3 years of age -Not to be used on peeling or irritated skin
ETHOXYDIGLICOL 2-(2-ethoxyethoxy)ethanol DiethyleneGlycolMonoe thylEther (DEGREE), Ethoxydiglycol	(a) Oxidative hair day products (b) Non-oxidative hair dye products (c) Rinse-off products other than hair dye products (d) Other non-spray cosmetic products (e) The following spray products: fine fragrances, hair sprays, antiperspirant and deodorant	(a) 7% (b) 5% (c) 10% (d) 2,6% (e) 2,6%	(a) to (e): The level of ethylene glycol impurity in Ethoxydiglycol must be # 0,1 %. -Not to be used in eye products and oral products	
Formaldehyde	(a) Nail hardening products (b) Oral Products Preservative (c) Other Products Preservative	(a) 5 % (as formaldehyde) (b) 0.1% (free formaldehyde) (c) 0.2% (free formaldehyde)	(a) For purposes other than inhibiting the development of microorganisms in the product. This purpose has to be apparent from the presentation of the product (b)(c) Not to be used in aerosol dispensers (sprays)	Protect cuticles with grease or oil Contains formaldehyde (3)

Is boric acid safe? Though it was restricted in the EU for being potentially harmful to fertility and unborn children, the US EPA and FDA have not found enough evidence to support these claims

Over the past year, formaldehyde has continued to be one of the most controversial ingredients out there. In fact, Wal-Mart and Target are leading the push amongst big chain retailers to ban formaldehyde, amongst other potentially harmful chemicals, from the cosmetics they carry

2017 Ingredients Regulation Updates

At-A-Glance

As the list of approved preservatives continues to shrink, should EU chemists worry about how they'll protect consumer products from contamination going forward? Read more about this issue [here](#)

The EU: Restricted Ingredients Updates Continued

Name	Product Type	Max Usage	Additional Considerations	Wording of conditions of Chemical name / use and warnings
Methylisothiazolinone	Preservative	.01%		
QUATERNIUM-15	Preservative		.2%	
POLYAMINOPROPYL BIGUANIDE	Preservative	0.3%		
Potassium or sodium hydroxide	(a) Nail cuticle solvent (b) Hair straightener (c) pH adjuster for depilatories (d) Other uses as pH adjuster 15d- Callosity softener/remover	(a) 5% (5) (b) 1. 2% (5) 2. 4.5% (5) 15d- 1,5% (5)	(b) 1. General use 2. Professional use (c) up to pH 12.7 (d) up to pH 11 15 d Contains alkalali, Avoid contact with eyes Keep out of reach of children and Read directions for use carefully	(a) Contains alkali. Avoid contact with eyes , Can cause blindness, Keep out of reach of children (b) 1. Contains alkali Avoid contact with eyes Can cause blindness Keep out of reach of children 2. For professional use only Avoid contact with eyes Can cause blindness (c) Keep out of reach of children Avoid contact with eyes

The USA: Ingredients Banned Since July, 2016

Name	Product Type	Max Usage	Definition	Additional Notes
Microbeads	"Rinse-off" cosmetics, including toothpaste, that contain intentionally added microbeads and are intended to exfoliate or cleanse the body	Prohibited	The Microbead-Free Waters Act of 2015 defines the term "plastic microbead" as any solid plastic particle that is— • 5 millimeters or less in size, • Intended to be used to exfoliate or cleanse the body or any part of the body.	For rinse-off cosmetics the deadline to stop manufacturing and for introduction or delivery of these products into interstate commerce was July 1, 2017 For rinse-off cosmetics that are also non-prescription drugs the deadline is : • July 1, 2018 to cease manufacturing • July 1, 2019 to stop the introduction or delivery for introduction of these products into interstate commerce.

Global Regulations Roadmap

Where to find full restricted ingredient lists and additional resources by country

Canada

Banned & Restricted Ingredient Lists	Digital Resources	Additional Reading
Cosmetic Ingredient Hotlist (PDF) - Prohibited Ingredients (pg. 1) - Restricted Ingredients with Product and Usage Guidelines (pg. 26)	Searchable Cosmetic Ingredient Hotlist	How to Read the Cosmetic Ingredient Hotlist Cosmetic Safety in Canada Overview

People's Republic of China

Banned & Restricted Ingredient Lists	Digital Resources	Additional Resources
Inventory of Existing Cosmetic Ingredients (XLS) Includes Prohibited and Restricted Substances with Concentration Guidelines	Chinese Chemical Inventory Search System (CCISS)	Cosmetics and Cosmetic Ingredient Law Overview Guidance on Exporting Cosmetics to China PDF

European Union

Banned & Restricted Ingredient Lists	Digital Resources	Additional Reading
Ingredients Prohibited in all cosmetics (PDF) Restricted Substances by Product and Concentration Guidelines (PDF)	Searchable Cosmetic Ingredient Database	List of Regulation Annexes BREXIT: What You Need to Know

Global Regulations Roadmap

Where to find full restricted ingredient lists and additional resources by country

Japan

Banned & Restricted Ingredient Lists

[List of Prohibited and Restricted Ingredients with Usage Amounts](#) (PDF)

Digital Resources

Additional Reading

- [Guidebook for Exporting/Importing Cosmetics to Japan](#)

Southeast Asia (ASEAN Cosmetic Directive)

Banned & Restricted Ingredient Lists

- [Prohibited Ingredients](#) (PDF)
- [Restricted Ingredients with Product and Usage Guidelines](#) (PDF)

Digital Resources

Additional Reading

- [ASEAN Cosmetic Directive Overview](#)

United States

Rules & Regulations

[List of Banned and Restricted Ingredients](#)

Digital Resources

[Follow FDA Cosmetics on Twitter for Policy Updates in Real-Time](#)

Additional Reading

- [A Guide to US Cosmetic Compliance Requirements](#)
- [Cosmetic Ingredient Suppliers: Fact Sheet](#)

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COMPLETE Global
Banned & Restricted
Ingredient Index



About the 7th COSMETIC COMPLIANCE *Fall*

When?

October 30 – November 1, 2017

Where?

New York, NY

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Our Agenda