

## Blacklist – Product development

12-12-2023  
V002

Dear Supplier,

At Brandfix, we always strive to improve ourselves, which also applies to compliance with current legislation for cosmetic products.

We have set additional requirements by creating a list of substances which we do not allow in our products. Consideration has been given to both health and environmental impact. The substances are legally permissible, but we have chosen to exclude these specific substances from our Brandfix product portfolio. The substances are excluded due to the uncertainty about the impact of the substances or a limited documentation available on risk of use.

In the listing, you will find the various substance groups or substances, a description of their function, and the reason why they have been excluded. Source references are included.

For further clarification, you are welcome to contact us.

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### General substances groups:

Ingrediens group	Function	Reason	Sources:
Fluoro compounds, also known as PFAS substances	-	General health hazard	(0)
TEA and substances with TEA	-	Formation of canceres Nitrosamines is known to happen with ethanolamine and derivatives. As this is easy to avoid, we are making a general ban in our products	(1)
MEA and substances with MEA	-	Formation of canceres Nitrosamines is known to happen with Triethanolamine and derivatives. As this is easy to avoid, we are making a general ban in our products	(2)
Benzophenones	UV-absorbtion	Suspected of being hormone disruptors	(3)
Parabens	Preservatives	Suspected of being hormone disruptors	(3)
Isothiazolinones	Preservatives	Highly Allergenic	(4)
Formaldehyde releasers	Preservatives	Highly Allergenic	(5)
Nano particles - (Nano)	-	General safety in question	
Cyclosiloxanes and cyclomethicones	Skin conditioning, Hair conditioning	Suspected of being hormone disruptors	(3)
Phthalates	-	A group of known hormone disruptors	(6)

(0) [https://pfas.chemsec.org/?gclid=CjwKCAiAmsurBhBvEiwA6e-WPP7IHr934r985MUHnp-b\\_PE1j0rIN-AtVQ76cxAsEo89S-UXvWQXR0CkFwQAvD\\_BwE#what-are-the-problems-with-pfas](https://pfas.chemsec.org/?gclid=CjwKCAiAmsurBhBvEiwA6e-WPP7IHr934r985MUHnp-b_PE1j0rIN-AtVQ76cxAsEo89S-UXvWQXR0CkFwQAvD_BwE#what-are-the-problems-with-pfas)

(1) Regulation (EC) No 1223/2009 (Annex III/61)

(2) Regulation (EC) No 1223/2009 (Annex III/62)

(3) <https://edlists.org/the-ed-lists/list-ii-substances-under-eu-investigation-endocrine-disruption>

(4) <https://pubmed.ncbi.nlm.nih.gov/31603959/>

(5) <https://www.allergycertified.com/2018/11/22/chemical-of-the-month-formaldehyde/>

(6) <https://www.cosmeticsinfo.org/ingredient/phthalates/>

**Specific substances:**

INCI	Cas	Function	Reason	Source:
4-Methylbenzylidene camphor	36861-47-9	UV filter	Suspected of being hormone disruptors	(3)
Butylparaben	94-26-8	Preservative	Suspected of being hormone disruptors	(3)
Ethylhexyl methoxycinnamate	83834-59-7	UV filter	Suspected of being hormone disruptors	(3)
BHA	25013-16-5	Antioxidant	Suspected of being hormone disruptors	(3)
BHT	128-37-0	Antioxidant	Suspected of being hormone disruptors	(3)
Benzophenone-1	131-56-6	UV filter	Suspected of being hormone disruptors	(3)
Benzophenone-2	131-55-5	UV filter	Suspected of being hormone disruptors	(3)
Benzophenone-4	4065-45-6	UV filter	Suspected of being hormone disruptors	(3)
Benzophenone-5	6628-37-1	UV filter	Suspected of being hormone disruptors	(3)
Benzyl salicylate	118-58-1	Perfuming, UV absorber	Suspected of being hormone disruptors	(3)
Butylparaben	94-26-8	Preservative	Suspected of being hormone disruptors	(3)
Butylphenyl methylpropional	80-54-6	Perfuming	Suspected of being hormone disruptors	(3)
Cyclomethicone	69430-24-6, 556-67-2, 541-02-6, 540-97-6	Skin conditioning, Hair conditioning	Suspected of being hormone disruptors	(3)
Daidzein	486-66-8	Skin conditioning	Suspected of being hormone disruptors	(3)
Cyclopentasiloxane	541-02-6	Skin conditioning, Hair conditioning	Suspected of being hormone disruptors	(3)
Deltamethrin	52918-63-5		Suspected of being hormone disruptors	(3)
Genistein	446-72-0	Skin conditioning	Suspected of being hormone disruptors	(3)
Isobutylparaben	4247-02-3	Preservative	Suspected of being hormone disruptors	(3)
Benzophenone-3	131-57-7	UV filter	Suspected of being hormone disruptors	(3)
Oxybenzone	131-57-7	UV filter	Suspected of being hormone disruptors	(3)
Methylparaben	99-76-3	Preservative	Suspected of being hormone disruptors	(3)
Propylparaben	94-13-3	Preservative	Suspected of being hormone disruptors	(3)
Resorcinol	108-46-3	Antioxidant, Hair Dye	Suspected of being hormone disruptors	(3)
Salicylic acid	69-72-7	Preservative, Keratolytic	Suspected of being hormone disruptors	(3)
Triclocarban	101-20-2	Preservative, Keratolytic	Suspected of being hormone disruptors	(3)
Triclosan	3380-34-5	Preservative, Antimicrobial	Suspected of being hormone disruptors	(3)
Triphenyl phosphate	115-86-6	Plasticiser	Suspected of being hormone disruptors	(3)
Ethylhexyl salicylate	118-60-5	UV filter	Previously suspected of being hormone disruptors, still viewed like this in some organisations eyes	(3)
Trimethylbenzoyl diphenylphosphine oxide	75980-60-8	Skin conditioning	Previously suspected of being hormone disruptors, still viewed like this in some organisations eyes	(3)
Ethylparaben	120-47-8	Preservative, Keratolytic	Previously suspected of being hormone disruptors, still viewed like this in some organisations eyes	(3)
Octocrylene	6197-30-4	UV filter	Previously suspected of being hormone disruptors, still viewed like this in some organisations eyes	(3)
Homosalate	118-56-9	UV filter	Previously suspected of being hormone disruptors, still viewed like this in some organisations eyes	(3)
PTFE	9002-84-0	Bulking	Fluoro Compound, where it cannot be seen from INCI it is a Fluoro compound. All fluoro compounds are suspected of being a general health hazard	(0)
Octoxynol	9002-93-1	Surfactant	On the EU Candidate list for environment	(6)
Methylisothiazolinone	2682-20-4	Preservative	Highly allergenic, there has been a allergenic pandemic over this chemical	(7)
Methylchloroisothiazolinone	26172-55-4	Preservative	Highly allergenic	(7)
Benzylhemiformal	14548-60-8	Preservative	Highly allergenic, formaldehyde releaser	(8)
2-bromo-2-nitropropane-1,3-diol	52-51-7	Preservative	Highly allergenic, formaldehyde releaser	(8)
5-bromo-5-nitro-1,3-dioxane	30007-47-7	Preservative	Highly allergenic, formaldehyde releaser	(8)
Diazolidinyl urea	78491-02-8	Preservative	Highly allergenic, formaldehyde releaser	(8)
DMDM hydantoin	6440-58-0	Preservative	Highly allergenic, formaldehyde releaser	(8)
Imidazolidinyl urea	39236-46-9	Preservative	Highly allergenic, formaldehyde releaser	(8)
Methenamine	100-97-0	Preservative	Highly allergenic, formaldehyde releaser	(8)
Sodium hydroxymethylglycinate	70161-44-3	Preservative	Highly allergenic, formaldehyde releaser	(8)
Rosin	8050-09-7	Film forming, Viscosity controlling	Highly allergenic, In Patch test European standard series	(9)
Colophonium	8050-09-7	Film forming, Viscosity controlling	Highly allergenic, In Patch test European standard series	(9)
EDTA	60-00-4	Chelating	Environmental Hazard, is not readily biodegradable and EDTA can mobilise heavy metal ions that was previously bound onto sediment solids and make it available in nature.	(10)
Iodopropynyl butylcarbamate	55406-53-6	Preservative	Known Skin Sensitiser and hormone disruption risk	(11)
Polyaminopropyl biguanide	32289-58-0; 27083-27-8; 28757-47-3; 133029-32-0	Preservative	Suspected to be Carcinogenic and known sensitiser	(12)
Propyl gallate	121-79-9	Perfume	Known Skin Sensitiser, harmonised classification H317	(13)
Chloroxylenol	88-04-0; 1321-23-9	Preservative	Known Skin Sensitiser, harmonised classification H317	(14)
Dimethylpabamidopropyl laurdimonium tosylate	156679-41-3	Hair conditioning	Known Skin Sensitiser, harmonised classification H317	(15)

- (0) [https://pfas.chemsec.org/?gclid=CjwKCAiAmsurBhBvEiwA6e-WPPP7Ihr934r985MUHnp-b\\_PElj0roIN-AtVQ76cxAsEo89S-UXvWQXRoCkFwQAvD\\_BwE#what-are-the-problems-with-pfas](https://pfas.chemsec.org/?gclid=CjwKCAiAmsurBhBvEiwA6e-WPPP7Ihr934r985MUHnp-b_PElj0roIN-AtVQ76cxAsEo89S-UXvWQXRoCkFwQAvD_BwE#what-are-the-problems-with-pfas)
- (3) <https://edlists.org/the-ed-lists/list-ii-substances-under-eu-investigation-endocrine-disruption>
- (6) <https://echa.europa.eu/da/candidate-list-table/-/dislist/details/0b0236e1807db370>
- (7) <https://mst.dk/kemi/kemikalier/saerligt-for-borgere-om-kemikalier/kend-kemikalierne/mi/>
- (8) <https://www.allergy-certified.com/2018/11/22/chemical-of-the-month-formaldehyde/>
- (9) <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7326666/>
- (10) <https://echa.europa.eu/documents/10162/1fea0222-45e6-41f8-8fc7-ff645458bbcd>  
and Nordic Ecolabel Cosmetic Background Criteria version 3.12
- (11) <https://echa.europa.eu/da/information-on-chemicals/cl-inventory-database/-/discli/details/128691>  
and [https://ec.europa.eu/health/ph\\_risk/committees/sccp/documents/out288\\_en.pdf](https://ec.europa.eu/health/ph_risk/committees/sccp/documents/out288_en.pdf)
- (12) <https://echa.europa.eu/da/substance-information/-/substanceinfo/100.115.789>
- (13) <https://echa.europa.eu/da/information-on-chemicals/cl-inventory-database/-/discli/details/72733>
- (14) <https://echa.europa.eu/da/information-on-chemicals/cl-inventory-database/-/discli/details/25860>
- (15) <https://echa.europa.eu/da/brief-profile/-/briefprofile/100.101.973>

#### Only banned for specific product types:

INCI	Product type:	Cas	Function	Reason	Source:
Petrolatum	Oral and lip products	8009-03-8	Skin Conditioning	Mineral oils can be problematic for health if ingested	(16)
Paraffinum liquidum	Oral and lip products	8012-95-1; 8042-47-5	Skin Conditioning	Mineral oils can be problematic for health if ingested	(16)
Paraffin	Oral and lip products	8002-74-2; 64742-51-4	Skin Conditioning	Mineral oils can be problematic for health if ingested	(16)
Cera microcristallina	Oral and lip products	63231-60-7/64742-42-3	Viscosity Controlling	Mineral oils can be problematic for health if ingested	(16)
Microcrystalline wax	Oral and lip products	63231-60-7	Viscosity Controlling	Mineral oils can be problematic for health if ingested	(16)
Ceresin	Oral and lip products	8001-75-0	Viscosity Controlling	Mineral oils can be problematic for health if ingested	(16)
Hydrogenated mineral oil	Oral and lip products	64742-54-7	Skin Conditioning	Mineral oils can be problematic for health if ingested	(16)
Ozokerite	Oral and lip products	64742-33-2	Viscosity Controlling	Mineral oils can be problematic for health if ingested	(16)
Synthetic wax	Oral and lip products	8002-74-2; 68527-08-2	Viscosity Controlling	Mineral oils can be problematic for health if ingested	(16)
Sodium benzoate	Leave on face care	532-32-1	Preservative	Specific for face products containing Sodium Benzoate and Benzoic acid, a nonimmunologic contact urticaria and nonimmunologic immediate contact reactions can occur. This is seen a lot and is often a reason to why we see reactions to products.	(17)
Benzoic acid	Leave on face care	65-85-0	Preservative	Specific for face products containing Sodium Benzoate and Benzoic acid, a nonimmunologic contact urticaria and nonimmunologic immediate contact reactions can occur. This is seen a lot and is often a reason to why we see reactions to products.	(17)
CI 77891	Oral and lip products	13463-67-7	Color	According to EU safety experts on food, this cannot be approved for food because of a unknown risk in regard to cell-toxicity.	(18)
Titanium dioxide	Oral and lip products	13463-67-7	UV-Filter	According to EU safety experts on food, this cannot be approved for food because of a unknown risk in regard to cell-toxicity.	(18)

(16) EU COMMISSION RECOMMENDATION (EU) 2017/84 - <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32017H0084>

(17) CIR Report 2001 on Benzoic acid

(18) <https://www.efsa.europa.eu/en/efsajournal/pub/6585>