

Catalogue of nanomaterials in cosmetic products placed on the market, as notified to the European Commission by Responsible Persons

Version 2: 31.12.2018

According to Article 16 (10) (a) of Regulation (EC) No 1223/2009 on cosmetic products¹, the Commission shall make available a catalogue of all nanomaterials² in cosmetics placed on the market, including those used as colorants, UV-filters and preservatives in separate sections, indicating the categories of cosmetic products and the reasonably foreseeable exposure conditions.

The catalogue lists the nanomaterials used in cosmetics placed on the market. Therefore, it is **based on information notified electronically by Responsible Persons³ to the European Commission³** through the Cosmetic Products Notification Portal ('CPNP')⁴.

The present catalogue updates the version released in 2017. It is based on information extracted from the CPNP until 31 December 2018. Please note that there may be a level of uncertainty regarding the status of some notified substances. The European Commission **takes no responsibility** for the content and the scientific qualification of the notifications made in the CPNP. **The catalogue is subject to modifications** and will be updated regularly.

The functions of the 29 nanomaterials⁵ listed in this catalogue (3 as colorants, 4 as UV-filters and 22 as other functions) are based on the names of substances notified and, generally, on the corresponding functions that are displayed in the

¹ [OJ L 342, 22.12.2009, p. 59.](#)

² Nanomaterial is defined in Article 2 (1) (k) as "an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 nm to 100 nm". ³ Article 4 (1): "Only cosmetic products for which a legal or natural person is designated within the Community as 'responsible person' shall be placed on the market." Article 4 (2): "For each cosmetic product placed on the market, the responsible person shall ensure compliance with the relevant obligations set out in this Regulation".

³ Pursuant to Article 13 (1), the responsible person shall notify information with respect to their cosmetic product by electronic means to the Commission, prior to placing them on the market. That information shall include the presence of substances in the form of nanomaterials, with their identification and the reasonably foreseeable exposure conditions (Art. 13 (1) (f)).

⁴ The CPNP is a free of charge online notification system created for the implementation of Regulation (EC) No 1223/2009 on cosmetic products: http://ec.europa.eu/growth/sectors/cosmetics/cpnp/index_en.htm.

⁵ Based on the information extracted from CPNP, there are 27 different nanomaterials in this update. 'Titanium dioxide' and 'zinc oxide' are present in both the 'Colorants' and 'UV-filters' category, hence the number 29.

CosIng database⁶, together with other information from the Responsible Persons. Some substances have more than one function.

This catalogue is **for information only** and is expressly not a list of authorised nanomaterials.

Colorants

	INCI name	Product category	Exposure route	Leave on / Rinse off
1	CI 77266 / CARBON BLACK	Bath / shower products	Dermal	Rinse off
	CI 77266 / CARBON BLACK	Body or face paint, including "carnival makeup"	Dermal	Leave on, Rinse off
	CI 77266 / CARBON BLACK	Eye contour products	Dermal	Leave on
	CI 77266 / CARBON BLACK	Eye liner	Dermal	Leave on, Rinse off
	CI 77266 / CARBON BLACK	Eye pencil	Dermal	Leave on
	CI 77266 / CARBON BLACK	Eye shadow	Dermal	Rinse off, Leave on
	CI 77266 / CARBON BLACK	Face care products other than face mask	Dermal	Rinse off
	CI 77266 / CARBON BLACK	Face mask	Dermal	Leave on, Rinse off
	CI 77266 / CARBON BLACK	Foundation	Dermal	Leave on
	CI 77266 / CARBON BLACK	Hair conditioner	Dermal	Leave on, Rinse off
	CI 77266 / CARBON BLACK	Lip stick	Dermal, Oral	Leave on
	CI 77266 / CARBON BLACK	Mascara	Dermal	Leave on
	CI 77266 / CARBON BLACK	Nail sculpting products	Dermal	Leave on
	CI 77266 / CARBON BLACK	Nail varnish / Nail make-up	Dermal	Leave on
	CI 77266 / CARBON BLACK	Non-oxidative hair colour products	Dermal	Leave on, Rinse off
	CI 77266 / CARBON BLACK	Other eye make-up products	Dermal	Leave on, Rinse off

⁶ CosIng is the European Commission database for information on cosmetic substances and ingredients.

	CI 77266 / CARBON BLACK	Other face make-up products	Dermal	Leave on, Rinse off
	CI 77266 / CARBON BLACK	Other hair and scalp products	Dermal	Leave on
	CI 77266 / CARBON BLACK	Other hair colouring products	Dermal	Rinse off
	CI 77266 / CARBON BLACK	Other lip make-up products	Dermal	Leave on
	CI 77266 / CARBON BLACK	Other make-up products	Dermal	Leave on, Rinse off

	CI 77266 / CARBON BLACK	Other nail and cuticle products	Dermal	Leave on, Rinse off
	CI 77266 / CARBON BLACK	Other nail care / nail hardener products	Dermal	Leave on
	CI 77266 / CARBON BLACK	Other skin cleansing products	Dermal	Rinse off
	CI 77266 / CARBON BLACK	Other skin products	Dermal	Leave on, Rinse off
	CI 77266 / CARBON BLACK	Oxidative hair colour products	Dermal	Rinse off
	CI 77266 / CARBON BLACK	Products for temporary hair styling	Dermal	Leave on
	CI 77266 / CARBON BLACK	Shampoo	Dermal	Rinse off
	CI 77266 / CARBON BLACK	Soap products	Dermal	Rinse off
	CI 77266 / CARBON BLACK	Tooth whiteners	Oral	Rinse off

2	CI 77891 / TITANIUM DIOXIDE	Bath / shower products	Dermal	Rinse off
	CI 77891 / TITANIUM DIOXIDE	Concealer	Dermal	Leave on, Rinse off
	CI 77891 / TITANIUM DIOXIDE	Eye contour products	Dermal	Leave on

	CI 77891 / TITANIUM DIOXIDE	Eye liner	Dermal	Leave on, Rinse off
	CI 77891 / TITANIUM DIOXIDE	Eye shadow	Dermal	Leave on, Rinse off
	CI 77891 / TITANIUM DIOXIDE	Foundation	Dermal	Leave on
	CI 77891 / TITANIUM DIOXIDE	Lip care products	Dermal, Oral	Leave on, Rinse off
	CI 77891 / TITANIUM DIOXIDE	Lip stick	Dermal, Oral	Leave on, Rinse off
	CI 77891 / TITANIUM DIOXIDE	Nail care products	Dermal	Leave on, Rinse off
	CI 77891 / TITANIUM DIOXIDE	Nail hardener	Dermal	Leave on
	CI 77891 / TITANIUM DIOXIDE	Nail sculpting products	Dermal	Leave on
	CI 77891 / TITANIUM DIOXIDE	Nail varnish / Nail make-up	Dermal	Leave on
	CI 77891 / TITANIUM DIOXIDE	Other eye make-up products	Dermal	Leave on
	CI 77891 / TITANIUM DIOXIDE	Other face make-up products	Dermal	Leave on, Rinse off
	CI 77891 / TITANIUM DIOXIDE	Other make-up products	Dermal	Leave on, Rinse off
	CI 77891 / TITANIUM DIOXIDE	Other skin cleansing products	Dermal	Rinse off
	CI 77891 / TITANIUM DIOXIDE	Soap products	Dermal	Rinse off
3	CI 77947 / ZINC OXIDE	Concealer	Dermal	Leave on
	CI 77947 / ZINC OXIDE	Eye liner	Dermal	Leave on
	CI 77947 / ZINC OXIDE	Eye shadow	Dermal	Leave on

	CI 77947 / ZINC OXIDE	Lip care products	Dermal, Oral	Leave on
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UV-Filters

	INCI name	Product category	Exposure route	Leave on / Rinse off
1	METHYLENE BISBENZOTRIAZOLYL TETRAMETHYLBUTYLPHENOL	Before and after sun products	Dermal	Leave on
	METHYLENE BISBENZOTRIAZOLYL TETRAMETHYLBUTYLPHENOL	Body care products	Dermal	Leave on
	METHYLENE BISBENZOTRIAZOLYL TETRAMETHYLBUTYLPHENOL	Chemical exfoliation products	Dermal	Leave on
	METHYLENE BISBENZOTRIAZOLYL TETRAMETHYLBUTYLPHENOL	Concealer	Dermal	Leave on

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