PRODUCT INFORMATION

Status: 03/2025 - English translation

Product name	Yellow beeswax for food
Properties	Yellow to light-brown beeswax, purified and processed into pastilles or slabs. The beeswax has a characteristic mild honey odour and is tasteless. At hand temperature it becomes a kneadable mass.

General product information

Trade name	Yellow beeswax
INCI name (EU)	Cera flava
PCPC name	Beeswax
CAS No.	8012-89-3
EINECS No.	232-383-7

Quality and registration status

Quality grade (recommended use)	Technical applications, cosmetics, food
REACH status	Regulation (EC) No 1907/2006 (REACH), as amended by EU 2020/878. According to the results of the PBT and vPvB assessment, this substance is neither a PBT nor a vPvB substance.
Monograph (Ph. Eur.)	European Pharmacopoeia (Ph. Eur.)
Regulation (EC) No 1223/2009 (cosmetic products)	Complies
Regulation (EC) No 1272/2008	The beeswax is not classified as hazardous within the meaning of Regulation (EC) No 1272/2008.
Regulation (EC) No 1333/2008 - Food additive specification E 901	The beeswax complies with the specification for E 901 beeswax as a food additive.
Regulation (EU) No 231/2012 - purity criteria for food additives	Complies
Regulation (EC) No 258/97 - novel foods and novel food ingredients	Not applicable; not a novel food ingredient.
Regulation (EC) No 852/2004 - food hygiene	Registration number: UE-0000522H (manufacturer of food additives)
Regulation (EU) No 10/2011 - plastic materials and articles intended to come into contact with food	Beeswax is not made of plastic.
BfR Recommendation	Complies with Recommendation XXV (hard paraffins, microcrystalline waxes and mixtures thereof with waxes, resins and plastics).
Cosmetics Europe Recommendation No. 14 - mineral hydrocarbons in oral and lip care	Not applicable
Kosher	Certified
COSMOS (organic and natural cosmetics standard)	To the best of our knowledge and belief, it complies with the requirements.
Natural Index according to ISO 16128	NI 1 / NOI 1 / OI 0 / OOI 0
CITES	Not affected by CITES

Raw material and manufacturing information

Origin of raw material (plant / animal / mineral / synthetic)	Apis melifera [as stated in source]
Parts used	Beeswax is a product of honey bees.
Palm oil status	Palm-oil free
Suitable for vegetarians	Yes
Suitable for vegans	No
Nanomaterials	Beeswax is not / does not contain nanomaterials within the meaning of Cosmetics Regulation EC/1223/2009.
Preservatives, antioxidants, other additives	None
GMO (Reg. EC/1829/2003 and EC/1830/2003)	Not genetically modified and has not come into contact with GMO materials.
Microbiological safety	It was (a) exposed for 120 minutes to a temperature above 80 °C and above 100 °C for 60 minutes, and (b) professionally melted and refined. Declaration according to Annex II of Regulation (EC) No 852/2004 on food hygiene. As wax is an anhydrous material, growth of microorganisms is impossible.
Batch information	A batch consists of a defined quantity of beeswax of the same type manufactured under the same conditions and in one continuous process. Mixing with other batches is excluded.

Unofficial English translation of the supplied German document. In case of discrepancies, the German original prevails.

Irradiation (Directive EC/1999/2 & amendments)	Not treated with ionising radiation.

Storage and handling

Shelf life / re-test period	When stored properly (please observe Section 7 Handling and Storage of the Safety Data Sheet), the beeswax can in any case be used indefinitely without significant loss of quality or health risk.
Storage conditions	Store in a dry place protected from UV light (to protect against natural fading). Recommended storage temperature: 15-25 °C. At lower temperatures wax bloom may form on the surface. Fading and formation of bloom do not affect the quality of the beeswax.

Packaging

Type of packaging	20 and 25 kg PP packaging
Regulatory status	The packaging complies with EC and national legal requirements for use with food and cosmetic products (German Food and Feed Code [LFGB], as stated in the source document).

By-products and impurities

Allergens	No allergens are added to the product during the manufacturing process.
Fragrance allergens: Annex III, Nos. 67-92 Regulation EC/1223/2009; food allergens: Annex II Regulation EC/1169/2011	Due to the raw material and product type, they are not expected.
Other allergens	Latex is not expected in this product due to its origin and manufacturing process.
SVHC	This product does not contain substances included in the current ECHA Candidate List of Substances of Very High Concern (SVHC) and/or the current Annex XIV of the REACH Regulation (Authorisation List) in an amount >= 0.1%.
Pesticides	Complies with Ph. Eur.
Heavy metals	Complies with Regulation (EU) No 231/2012
Metal catalysts	Free from metal catalysts (CMP/SWP/QWP/4446/2000)
Phthalates	Phthalates are not added during manufacture. Formation of phthalates during the process is not expected. Therefore, this substance class is not analytically tested.
Glycol ethers	Glycol ethers are not added during manufacture. Formation of glycol ethers during the process is not expected. Therefore, this substance class is not analytically tested.
Dioxin, 3-MCPD, DMF (dimethylformamide)	Contamination with 1,4-dioxane is not expected because the manufacturing process does not include an ethoxylation step. Therefore, 1,4-dioxane is not analytically tested. Yellow beeswax is a natural wax containing only a few percent unsaturated fatty acids. As it is neither hydrogenated nor heated above 140 °C during refining, formation of trans fatty acids is not expected. Beeswax contains no refined edible fat or oil; therefore, glycidyl esters and 3-MCPD fatty acid esters are not expected in the product. Tests are not performed.
Formaldehyde / formaldehyde releasers	Formaldehyde and formaldehyde releasers are not added during manufacture. Their formation during the process is not expected. Therefore, this substance class is not analytically monitored.
Halogenated organic compounds	Adsorbable organic halogens (AOX) are ubiquitous in surface water, groundwater, seawater, soil and precipitation, but are not expected in this product. Therefore, they are not analytically monitored.
Solvent residues	Solvent residues are not expected in yellow beeswax.
VOC	Due to the origin and manufacturing process, no compounds classified as VOC are expected. Therefore, this substance class is not analytically tested.
Other impurities (especially mycotoxins, aflatoxins, nitrosamines)	The content of any other impurities complies with the European Pharmacopoeia and the European directives on food additives.
BSE/TSE	Free from BSE/TSE

Safety and environmental protection

Toxicological data	According to the Cosmetic Ingredient Review (CIR), beeswax is "safe for use" at concentrations up to 56%.
ADI value	Beeswax is considered safe.
Biodegradability	Biodegradable, insoluble in water.
Animal testing	Never tested on animals by or on behalf of IHDE-Kerzen GmbH.

General

All our products are traceable by our batch number. The batch records list all raw materials used in the manufacture of our waxes. We hereby confirm that the above-mentioned raw materials have not been the subject of animal testing or repeat testing for cosmetic purposes by or on behalf of our company since 1957.