

RAW MATERIAL DATA SHEET

ABWAX SUNFLOWER WAX

PRODUCT IDENTIFICATION

(I) Supplier name	ROELMI HPC SRL Legal office: Corso Europa, 60 - 20020 Solaro (MI) Italy T. +39 02 3351 0150 F. +39 02 3354 9210										
(II) EU/US INCI name	EU INCI name	US INCI name									
	HELIANTHUS ANNUUS SEED CERA	HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX									
(III) Regulatory information	Empirical Formula: N.A. Chemical name: N.A. <table border="1"> <thead> <tr> <th>EU INCI name</th><th>US INCI name</th><th>CAS n.</th><th>EC n.</th></tr> </thead> <tbody> <tr> <td>HELIANTHUS ANNUUS SEED CERA</td><td>HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX</td><td>68937-99-5 / 1286686-34-7</td><td>232-279-9 / -</td></tr> </tbody> </table> US and European Pharmacopoeia: Not applicable Classification & labelling according to EU Chemical regulation: this product is not subjected to labelling as it is not a dangerous substance (regulation 1272/2008). See MSDS Transport: not regulated. Tariff code: 15211000			EU INCI name	US INCI name	CAS n.	EC n.	HELIANTHUS ANNUUS SEED CERA	HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX	68937-99-5 / 1286686-34-7	232-279-9 / -
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(IV) Functions	Skin conditioning agent – miscellaneous										
(V) Geographical origin	Asia										

REGULATORY STATUS

(VI) Chemical Inventory position	Component(s) listed in TSCA (US): yes. Component(s) listed in NDSL (Canada): yes. Component(s) listed in KECL (Korea): yes. Component(s) listed in EU inventory: yes Proposition 65 (California): not listed
(VII) Cosmetic Regulatory Status	No restriction or limitation for personal care applications. Canadian cosmetic ingredient hotlist: not listed Component(s) listed in Cosmetic China IECIC: yes.
(VIII) Cosmetic Regulatory Conformity	<u>CMR</u> : ABWAX SUNFLOWER WAX does not contain any substances intentionally added and classified as Carcinogenic, Mutagenic or Reprotoxic substances. <u>Allergens</u> : We certify that ABWAX SUNFLOWER WAX complies with Regulation (EC) 1223/2009 regarding the presence of the 26 substances identified as allergenic in cosmetics. Due to the nature of the materials used for our productions and to bibliographic data, it can be stated that these allergens are absent. <u>TSE/BSE</u> : We confirm that ABWAX SUNFLOWER WAX is free from animal derives and therefore can be considered as BSE/TSE transmitting agents-free.

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	<p><u>Animal testing</u>: We declare that no animal testing was made by Roelmi HPC & C. srl for cosmetic use accordingly to Regulation (EC) 1223/2009.</p> <p><u>Ionization</u>: the product is not subjected to ionization process.</p> <p><u>REACH</u>: ABWAX SUNFLOWER WAX complies with the definitions of "Substances which occur in nature" and "Not chemically modified substance" reported in article 3 of the Reg. 1907/2006/EC; the product is exempted from REACH in accordance to Annex II of the Reg. 987/2008/EC.</p>
(IX) Toxicology Ecotoxicity Biodegradability information	<p><i>Bibliographic data (SOURCES: CIR assessment, 2016)</i></p> <p><u>Toxicological information</u></p> <p><u>Irritation</u>: <i>Dermal -human</i>: in a 2-week use study of a lipstick containing Helianthus Annuus (Sunflower) Seed Extract at 4%, there were no signs of dermal irritation.</p> <p><u>Sensitization</u>: <i>Dermal -human</i>: A human repeated insult patch test (HRIPT) on 2 different lipsticks containing Helianthus Annuus Seed Wax (3.34% and 4%) were not irritating and sensitizing.</p> <p><u>Ecological & Biodegradability information</u></p> <p>No data available, supposed to be not toxic for the environment and readily biodegradable.</p>
(X) Unavoidable impurities and possible traces of contaminants	<p>SVHC: absence.</p> <p>Heavy metals (randomly analysed with atomic absorption spectrophotometer): Nickel, Lead, Arsenic, Cobalt, Chromium, Mercury, Cadmium and Antimony: ≤ 0.1 ppm; Total amount ≤ 1 ppm.</p> <p>Pesticides: absence</p> <p>GMO: absence.</p> <p>Food allergens (as per Regulation (EU) No 1169/2011): absence</p> <p>Latex: absence</p> <p>Residual solvents: absence (not used)</p> <p>Polycyclic Aromatic Hydrocarbons: absence.</p> <p>Free amines: absence.</p> <p>Phthalates: absence.</p> <p>Glycol ethers: absence.</p> <p>Formaldehyde: absence.</p> <p>Ethylene oxide: absence.</p> <p>Nanomaterials: absence.</p> <p>Monomers: absence.</p> <p>Proteins: absence.</p> <p>VOC (volatile organic components as per European and Swiss laws): ABWAX SUNFLOWER WAX does not contain any volatile organic compounds</p> <p>Other impurities or residues: absence</p> <p><u>Absence</u>: based upon data from our starting material suppliers and knowledge of the manufacturing process, we have no reason to believe that these substances are present.</p>

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(XI) Additives	<p>Neutralisers: no.</p> <p>Preservatives: no.</p> <p>Antioxidants: no.</p> <p>Stabilisers: no.</p> <p>Catalysts: no.</p> <p>Bleaching agents: no.</p> <p>Chelating agents: no.</p> <p>Ethanol: no</p>
(XII) Ingredients origin	<p><u>Synthetic</u>: No</p> <p><u>Animal</u>: No</p> <p>Animal Protection (Cites): NA</p> <p><u>Vegetable</u>: Yes</p> <p>Plant name: <i>Helianthus annuus</i>, commonly called the sunflower.</p> <p><i>Helianthus annuus (Sunflower) Seed Wax</i> is the wax obtained from the seed of the sunflower.</p> <p>Plant Protection (Cites): No</p> <p>Palm oil and derivatives: Absence</p> <p>GMO: We herewith declare that the raw materials and processing aids used in the production of ABWAX SUNFLOWER WAX do not contain or consist of GMO's and they are not produced from GMO's.</p> <p><u>Mineral</u>: no.</p> <p><u>Biotechnological processing</u>: no.</p> <p><u>Polymer</u>: No</p> <p><u>Monomers</u>: No</p>
(XIII) Halal/Kosher	<p>ABWAX SUNFLOWER WAX is not certified Halal/Kosher.</p> <p>We confirm that the product:</p> <ul style="list-style-type: none"> - does not contain alcohol neither the alcohol is used during the manufacturing process. - does not contain any substance of animal origin neither these substances are used during manufacturing process. - Is completely separated from any substance of animal origin and/or containing alcohol during the manufacturing process, as well as in the warehouse.
(XIV) Vegan/vegetarian	<p>ABWAX SUNFLOWER WAX is suitable for vegan/vegetarian use.</p>

PRODUCT INFORMATION

(XV) Properties	<p>ABWAX SUNFLOWER WAX is a vegetable wax obtained from the winterization of sunflower oil. This wax consists of long chain, saturated C-42 to C-60 esters. These esters correlate to hardness, crystalline structure, and a high melting point. It functions as a strong gellant and consistency modifier in sticks and emulsions. Compliant to the most common Eco sustainability standards.</p> <p>Characteristics:</p>
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	<ul style="list-style-type: none"> • Hard wax • Excellent oil absorption, high structuring power • High viscosity at low % in emulsion • Film forming, emollience • Rich texture and glossy • No organoleptic impact on finished product
(XVI) Manufacturing flow chart	Extraction and refining of the oil, winterization to let the waxy layer divides from the oil, deoiling, degumming, purification and natural discoloration.
(XVII) Specification	SDS available.
(XVIII) Material safety data sheet	MSDS available.
(XIX) Personal Care Applications and formulation	Lipstick (1-10%) thermal stability, gloss effect, structure Mascara (1-5%) gloss effect, gelifying agent Emulsion (1-3%) viscosity increase, texture , emolliency ,film forming
(XX) Efficacy test	No tested for efficacy
(XXI) Storage and handling	Store in well-closed original package at room temperature (<35°C), in cold and dry environment, protected from the light, heat and humidity sources. Stability: stable material.
(XXII) Shelf Life	24 months from the production date, in closed original sealed containers.

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