



(I) Supplier name	AMEDEO BRASCA & C. S.r.l. Via Celeste Milani, 24 21040 Origgio (VA) ITALY.										
(II) INCI name	CANDELILLA CERA										
(III) Regulatory information	Empirical Formula: Not applicable. Chemical name : CANDELILLA WAX <table border="1"><thead><tr><th>Common name</th><th>CAS</th><th>EINECS</th><th>RANGE</th><th>ORGANIC</th></tr></thead><tbody><tr><td>CANDELILLA WAX</td><td>8006-44-8</td><td>232-347-0</td><td>100%</td><td>0%</td></tr></tbody></table> European Pharmacopoeia : Not applicable. Classification & labelling according to EEC Chemical regulation: This product is not subject to labelling, it does not contain any dangerous compounds (Substances health hazard Directives 67/548/EC, 99/45/EC and 1272/2008). Transport: not regulated.	Common name	CAS	EINECS	RANGE	ORGANIC	CANDELILLA WAX	8006-44-8	232-347-0	100%	0%
Common name	CAS	EINECS	RANGE	ORGANIC							
CANDELILLA WAX	8006-44-8	232-347-0	100%	0%							
(IV) Functions	EMOLLIENT - FILM FORMING.										
(V) Inventory position	Component(s) listed in EINECS : Yes. Component(s) listed in ELINCS : Component(s) listed in TSCA : yes. Component(s) listed in DSL : yes. Component(s) listed in AICS : yes. Component(s) listed in ENCS : yes. Component(s) listed in IECIC : yes. Component(s) listed in CLS : Component(s) listed in JSCI : yes. Component(s) listed in JCIC : Component(s) listed in ECL : yes. Component(s) listed in Philippines : yes. Reported to NEPA inventory:										
(VI) Regulatory Status	The product is registered in EU, USA, AUSTRALIA, JAPAN, CHINA. Restrictions: none.										

AMEDEO BRASCA & C. SRLSede Legale:
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Fax +39 0233549210
Web: www.brasca.it - Email: info@brasca.itP.I. - C.F. 00402300156
Capitale Sociale : 100.000 € i.v.
REA : MI - 0338916



(VII) Regulatory Conformity 76/768/ECC	<p><u>CMR</u> : ABWAX[®] Light Candelilla Pearls does not contain any substances intentionally added and classified as Carcinogenic, Mutagenic or Repro toxic substances category 1, 2 or 3 according to annex I of the Directive 67/548/EC and its amendment.</p> <p><u>Allergens</u> : We certify that ABWAX[®] Light Candelilla Pearls complies with European Directive 2003/15/EC regarding the presence of the 26 substances identified as allergenic in cosmetic regulatory.</p> <p><u>TSE/BSE</u> : We confirm that ABWAX[®] Light Candelilla Pearls does not contain any BSE/TSE transmitting agents.</p> <p><u>Animal testing</u> : We declare that no animal testing was made by Amedeo Brasca & C. srl for cosmetic use accordingly to Dir. 2003/15/EC, come into force on 11/03/2009.</p> <p><u>REACH</u> : ABWAX[®] Light Candelilla Pearls complies with the definitions of "Substances which occur in nature" (39) and "Not chemically modified substance" (40) reported in article 3 of the Reg. 1907/2006/EC; Therefore material do does not require any registration procedure in accordance to Annex V, paragraph 8 (modified by Annex II of the Reg. 987/2008/EC).</p>
(VIII) Manufacturing flow chart	The Candelilla plant (<i>Euphorbia Cerifera</i>) grows wild in semi-arid zones in Mexican Chihuahuan Desert, and it is harvested using careful manual process, ensuring the sustainability of the resource. Then the wax is separated from the plant with boiling water and refined by filtration and bleaching. Ionizing treatment: no.
(IX) Specification	SDS available.
(X) Material safety data sheet	MSDS available.
(XI) Toxicology Ecotoxicity Biodegradability information	<p><u>Toxicological information</u></p> <p><u>Acute toxicity</u> LD50 oral : Not Applicable*. LD50 skin : Not Applicable*. LD50 inhalation : Not Applicable*. NOAEL value (No Observable Adverse Effect Level) : 750 mg/kg bw/day (WHO). ADI (Admissible Daily Intake): Not available. Eye Irritation: not irritant. Skin irritation: not irritant.</p> <p>* <i>The product is considered not to be toxic.</i></p>

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Ecological & Biodegradability informationEcotoxic effects

Daphnia toxicity : not soluble in water.

Seaweed toxicity: not soluble in water.

Bacterial toxicity: not soluble in water.

General information:

The characteristic of degradation of the products have not been tested.

Disposal indications:

Accumulation: no data available.

Environmental impact: not toxic for environment.

PBT: No

vPvB: No

H400-H410: No.

(XII) Unavoidable impurities and possible traces of contaminants (typical values- not specifications)

Complying Reg. 2092/91/EC (further up-dating Reg. 834/2007/EC and 889/2008/EC) requirements.

SVHC: absence.

Heavy metals: absence.

Pesticides : absence.

GMO: absence.

Residual solvents: absence.

Polycyclic Aromatic Hydrocarbons : absence.

Free amines : absence.

Phthalates: absence.

Glycol esters: absence.

Formaldehyde: absence.

Ethylene oxide: absence.

Nanoparticules: absence.

Monomers: absence.

Other impurities or residues : absence.

(XIII) VOC content (according to EEC regulation)

We confirm that ABWAX[®] Light Candelilla Pearls does not contain any volatile organic compounds accordingly to Reg. 2092/91/EC (further up-dating Reg. 834/2007/EC and 889/2008/EC).

(XIV) Additives

Neutralisers: no.

Preservatives: no.

Antioxidants: no.

Stabilisers: no.

Catalysts: no.

Bleaching agents: no.

Chelating agents: no.

Ethanol: no.

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(XV) Ingredients origin	Synthetic: no. Animal: no. Vegetable: yes. Mineral: no. Biotechnological processing: no. GMO: no.
(XVI) Quality and environmental management system	In process.
(XVII) Properties	Due to its remarkable brilliance, hardness, solidity, high 70°C melting point and strong gelling agent behavior, Candelilla wax in cosmetic formulations improves oils absorption, formulation cohesion, gloss, emolliency and film forming. Candelilla wax can easily be emulsified or dispersed, it has a light pleasant odor. Composition: Hydrocarbons 50-51% (C31), Fatty esters 28-29% (C42-C64), free alcohols 12-14% (C20-C32), Free acids 7-9%, Moisture 0.5-1%.
(XVIII) Personal Care Applications	Lipsticks (1-10%). Emulsions (1-10%). Balms and pomades (1-10%). Mascaras (1-10%). Pencils (1-10%). Depilatory waxes (1-10%). Hair preparations (1-10%).
(IXX) Formulation	To be used in non-transparent formulations in concentration from 1 to 10%.
(XX) Efficacy test	The product has not been used for efficacy tests.
(XXI) Storage and handling	Store in the original sealed containers, in a fresh (35°C max.) and dry place, protected from light and heat sources. Material do not need homogenisation before use. Stability: stable material.
(XXII) Shelf Life	24 months from the production date, in the original sealed containers.

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Rev. 00 of 10/12/2012

Raw Material Data Sheet
ABWAX LIGHT CANDELILLA PEARLS

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(XXIII) Contact person

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THE INFORMATION CONTAINED IN THIS RAW MATERIAL DATA SHEET ARE BASED ON OUR CURRENT SCIENTIFIC KNOWLEDGE. THE INFORMATION ARE CAREFUL AND RELIABLE BUT IT SHOULD NOT BE TAKEN AS EXPRESSING OR IMPLYING ANY WARRANTY CONCERNING THE PRODUCT CHARACTERISTICS. THE RULES AND LAWS IN ACT MUST BE RESPECTED BY PRODUCT USER, UNDER HIS OWN RESPONSIBILITY. AMEDEO BRASCA & C. SRL DECLINES ANY RESPONSABILITY IN CASE THE USE OF THIS PRODUCT INFORMATION MIGHT TAKE TO PATENT INFRINGEMENT. THE PRESENT SHEET SUBSTITUTES AND CANCELS EVERY PREVIOUS VERSION.

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