



(I) Supplier name	AMEDEO BRASCA & C. S.r.l. Via Celeste Milani, 24 21040 Origgio (VA) ITALY.										
(II) INCI name	COPERNICIA CERIFERA CERA										
(III) Regulatory information	Empirical Formula: Not applicable. Chemical name : CARNAUBA 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>CARNAUBA WAX</td><td>8015-86-9</td><td>232-399-4</td><td>100%</td><td>0%</td></tr></tbody></table> <p>European Pharmacopoeia : Conforms.</p> <p>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.</p>	Common name	CAS	EINECS	RANGE	ORGANIC	CARNAUBA WAX	8015-86-9	232-399-4	100%	0%
Common name	CAS	EINECS	RANGE	ORGANIC							
CARNAUBA WAX	8015-86-9	232-399-4	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. None restricted limitation for personal care.										

AMEDEO BRASCA & C. SRL

Sede Legale:
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Tel. +39 0233512243 - +39 0233510150
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Web: www.brasca.it - Email: info@brasca.it

P.I. - C.F. 00402300156
Capitale Sociale : 100.000 € i.v.
REA : MI - 0338916



(VII) Regulatory Conformity 76/768/ECC	<p><u>CMR</u> : ABWAX CARNAUBA T1 FLAKES 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 CARNAUBA T1 FLAKES 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 CARNAUBA T1 FLAKES 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 CARNAUBA T1 FLAKES 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	<p>Carnauba wax is produced from the leaves of the Carnauba palm tree (Copernicia Cerifera), in the States of Rio Grande do Norte, Ceará and Piauí, in the north east of Brazil. Carnauba wax is obtained by cutting the leaves of the tree from September to March, then by drying and beat them in order to scale the wax layer. The wax is extracted and refined using water and filtration processes, being a perfect example of Sustainable use of Natural resources. Ionizing treatment: no.</p>
(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></p> <p>LD50 oral : Not Applicable*. LD50 skin : Not Applicable*. LD50 inhalation : Not Applicable*. NOAEL value (No Observable Adverse Effect Level) : Not available.</p>

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ADI (Admissible Daily Intake): 7 mg/kg bw/day (WHO).
Eye Irritation: not irritant.
Skin irritation: not irritant.
Material already used in cosmetic formulation: Yes.

* *The product is considered not to be toxic.*

Ecological & Biodegradability information

Ecotoxic 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.
Fruits and nuts traces: absence.
Residual solvents: absence.
Polycyclic Aromatic Hydrocarbons : absence.
Free amines : absence.
Phthalates: absence.
Glycol esters: absence.
Formaldehyde: absence.
Ethylene oxide: absence.
Nanomaterials: absence.
Monomers: absence.
Other impurities or residues : absence.

(XIII) VOC content (according to EEC regulation)

We confirm that ABWAX CARNAUBA T1 FLAKES does not contain any volatile organic compounds accordingly to Reg. 2092/91/EC (further up-dating Reg. 834/2007/EC and 889/2008/EC).

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(XIV) Additives	Neutralisers: no. Preservatives: no. Antioxidants: no. Stabilisers: no. Catalysts: no. Bleaching agents: no. Chelating agents: no. Ethanol: no
(XV) Ingredients origin	<u>Synthetic</u> : no. Ingredients origin: NA <u>Animal</u> : no Animal Protection (338/97): NA <u>Vegetable</u> : yes. Plant name: Copernicia Cerifera. Extraction Process: water extracted. Plant protection (338/97): NA GMO: no. <u>Mineral</u> : no. <u>Biotechnological processing</u> : no. <u>Polymer</u> : no Monomers: NA. Monomers origin: NA Monomers CMR or vPvB: NA.
(XVI) Quality management system	In process.
(XVII) Environmental management system	In process.
(XVIII) Properties	Carnauba wax in cosmetic formulations contributes to emolliency, film forming, gloss and oils absorption improvement, while its 85°C sharp melting point ensure stability to extreme temperatures. Carnauba wax can easily be emulsified, dispersed or saponified, it is hard and rigid, with a light pleasant odor. Composition: Fatty esters 84-85%, Alcohols 2-3%, Hydrocarbons 1.5-3%, Free acids 3-3.5%, Resins 4-6%, Lactic components 2-3%, moisture 0.5-1.0%.

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(IXX) Personal Care Applications	Lipsticks (1-10%). Emulsions (1-10%). Balms and pomades (1-10%). Mascaras (1-10%). Pencils (1-10%). Hair preparations (1-10%).
(XX) Formulation	To be used in non-transparent formulations in concentration from 1 to 10%.
(XXI) Efficacy test	The product has not been used for efficacy tests.
(XXII) 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.
(XXIII) Shelf Life	24 months from the production date, in the original sealed containers.
(XXIV) Contact person	Adriano Busetti, adriano.busetti@brasca.it

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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