

**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**Carnauba Wax**

**1. Identification of the substance/mixture and company**

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Trade name: Carnauba Wax  
Natural Thickener  
INCI Copernicia cerifera cera  
CAS No. : 8015-86-9  
EINECS No. : 232-399-4  
REACH pre-registration No. : -  
Utilization: Raw material for cosmetic or professional use  
Supplier company identification: **Elemental SRL**, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania  
Tel/Fax: +40259-436.755, [www.elemental.eu](http://www.elemental.eu)  
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de  
Sănătate Publică București.  
International emergency number: +49 180 2273-112

**2. Hazards Identification**

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**2.1 Classification of the substance or mixture**

**Classification (67/548/EEC)**

This product is not dangerous according to REACH Regulation 1907/2006.

**Classification (EU1272/2008)**

This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.

**2.2 Label Elements**

**Label in accordance with Regulation (EC) No 1272/2008.**

GHS Label

None.

Signal Word

None.

Contains

None.

Hazards Statement

None.

Signal Word

None.

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Precautionary Statements

None.

Supplementary Precautionary Statements

None.

**2.3 Other Hazards**

Adverse physio-chemical properties

None.

Adverse effects on human health

None.

3. Declaration of ingredients

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**3.1 Substances**

Not applicable

**3.2 Mixtures**

Not applicable

4. First aid measures

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**4.1 Description of first aid measures**

**General Information**

Always remove contaminated clothing immediately.

**Inhalation** : Not expected for this particular product, however always best avoiding proactive inhalation.

**Ingestion** : No instruction as this is a non-toxic product.

**Skin Contact** : No instruction as this is a non-toxic product.

**Eye Contact** : Wash immediately & thoroughly with clean tap water.

**4.2 Most important symptoms & effects (Acute & Delayed)**

None.

**4.3 Indication of any immediate medical attention or special treatment required**

Not Applicable.

5. Fire fighting measures

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**5.1 Extinguishing media**

Foam, CO<sub>2</sub>, Dry Chemical Powder.

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**5.2 Special hazards arising from the substance or mixture**

This product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke & oxides of carbon.

**5.3 Advice for fire-fighters**

Standard. Wear self-contained breathing apparatus in confined spaces

6. Accidental release measures

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**6.1 Personal precautions**

None Required.

**6.2 Environmental precautions**

None Required.

**6.3 Methods & material for containment and cleaning up**

Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products.

**6.4 References to other sections**

Refer & consider section 8.

Refer & consider section 13.

7. Handling and storage

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**7.1 Precautions for safe handling**

Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.

**7.3 Specific end use(s)**

No Data.

8. Exposure controls / personal protection

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**8.1 Control parameters**

None.

**8.2 Exposure Controls**

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**Eye Protection:** Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.

**Hand Protection:** None.

**Respiratory Equipment :** None.

**Hygiene Measures :** None.

**Engineering Measures :** None.

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9. Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

Appearance WAXY PELLETS OR FLAKES

Colour PALE YELLOW – YELLOW –ORANGE - BROWN

Odour CHARACTERISTIC

Relative Density < 0.97

Flash Point (°C) > 280°C.

Refractive Index NO DATA

Melting Point (°C) 80.0 – 88.0

Boiling Point (°C) > 100°C.

Vapor Pressure NO DATA.

Solubility in Water @ 20°C INSOLUBLE.

**9.2 Other Information**

NO DATA.

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10. Stability and reactivity

**10.1 Reactivity**

Not Applicable.

**10.2 Chemical stability**

Stable under suggested storage conditions (<20°C).

**10.3 Possibility of hazardous reactions**

No.

**10.4 Conditions to avoid**

Storage at high temperatures. Do not store above 20°C.

**10.5 Incompatible materials**

Concentrated acids, alkalis & oxidising agents.

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**10.6 Hazardous decomposition products**

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.

**11. Toxicological information**

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**11.1 Information on toxicological effects**

**Acute Toxicity**

A non-toxic product. For pharmaceutical & cosmetic use only. This product does not carry a microbiological specification as it is sterilized in the refining process. It does not contain any impurities. This product is not included in the list of substances prohibited in cosmetic products or subject to restrictions. It does not contain colorants, preservatives or UV filters (Annex II – VI of EU regulation 1223/2009).

**Skin irritation**

Not Applicable.

**Eye damage or irritation**

Not Applicable.

**Respiratory or skin sensitivity**

Not Applicable.

**Germ cell mutagenicity**

Not Applicable.

**Carcinogenicity**

Not Applicable.

**Reproductive toxicity**

Not Applicable.

**STOT – single exposure**

Not Applicable.

**STOT – repeated exposure**

Not Applicable.

**Aspiration hazard**

Not Applicable.

**Other information**

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Not Applicable.

12. Ecological information

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**12.1 Toxicity**

Low - None.

**12.2 Persistence & degradability**

>90% (OECD)

**12.3 Bio- accumulative potential**

None.

**12.4 Mobility in soil**

Low – None.

**12.5 Results of PBT & VPVB assessment**

Not Available.

**12.6 Other adverse effects**

None.

13. Disposal considerations

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**13.1 Waste treatment methods**

Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.

14. Transport information

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**14.1 Transport Information**

Warning icon

Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or food tankers.

Shipping Name

Not Applicable.

UN Number (Road)

Not Applicable.

ADR Class

Not Applicable.

Hazard Number (ADR)

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Hazchem Code

Not Applicable.

UN Number (Sea)

Not Applicable.

IMDG Class

Not Applicable.

IMDG Pack GR.

Not Applicable.

EMS

Not Applicable.

UN Number (Air)

Not Applicable.

Air Class

Not Applicable.

Air Pack GR.

Not Applicable.

15. Regulatory information

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**15.1 Product specific safety, health & environmental regulations & legislation**

EU Directives

- Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18<sup>th</sup> December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments).
- Statutory Instruments The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716). Approved Code of Practice Classification & labeling of substances & preparations dangerous for supply.
- Safety data sheets for substances & preparations.
- Guidance Notes Workplace exposure limits EH40. CHIP for everyone HSG 108.

**15.2 Chemical Safety Assessment**

Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.

16. Additional information

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**16.1 Allergens:**

None.

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**16.2 Training Instructions:**

Refer to possible hazard before use of this product.

**16.3 Abbreviations:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

**Disclaimer:**

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.