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1 Identification of the substance/mixture and of the company/undertaking

· **Informations to product No. 4159**

· **Product name:**

Cera Carnauba flava in Schuppen Carnaubawachs

· **Supplier of the Product / responsible Company:**

Caesar & Loretz GmbH

Herderstr. 31

40721 Hilden

Tel.: 02103/4994-0

Fax: 02103/32360

e-mail: info@caelo.de

· **Emergency telephone:**

Giftinformationszentrum Mainz

Langenbeckstr. 1, 55131 Mainz

Tel.: 06131/19240

· **Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

· **Application of the substance / mixture:**

Ingredient for pharmaceutical drugs or active pharmaceutical ingredient.

2 Hazards identification

· **Hazard classification:** The substance is not classified as dangerous according to European Union legislation.

3 Composition / information on ingredients

· **Chemical characterization**

· **Description:**

Mixtures of partial glycerides and esters of long-chained fatty acids with high content of saturated fatty acids. Produced from the leaves of the Carnauba palm.

CAS-No. Substance name

8015-86-9 Carnauba wax

· **EINECS-No.:** 232-399-4

· **REACH Reg. No.:** (pre-registered)


· **INCI-Name:** Cera Carnauba

4 First aid measures

· **after skin contact:** Wash away with water and soap.

· **after eye contact:** Rinse out with plenty of water with the eyelid wide open.

· **after swallowing:** Drink plenty of water. Seek medical advice if feeling unwell.

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5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.
- **Specific hazards during fire fighting:** Combustible, but not flammable. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Additional information:** Prevent fire extinguishing water from contaminating surface water, the ground water system or soil. Residues must be deposited according to local regulations.

6 Accidental release measures:

- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.
- **General information:** No hazardous substances are released.

7 Handling and storage

- **Handling:**
- **Informations to fire or explosion protection:** Keep away from open fire.
- **Storage:**
- **Requirements for storage areas and containers:**
Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

8 Exposure controls / personal protective equipment


Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**
- **General protective and hygiene measures:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** Not required.
- **Eye protection:** Not required.

9 Physical and chemical properties

- **Form:** solid
- **Colour:** colourless – light yellow
- **Odour:** neutral
- **Melting point / melting range:** 82 - 85 °C
- **Boiling point / boiling range:** not determined
- **Flash point:** > 120 °C
- **Spontaneous ignition:** The product is not hazardous of spontaneous ignition.
- **Density:** (20 °C) 0,99 g/cm³
- **Solubility in / Miscibility with**
- **Water:** not soluble

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10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**

No decomposition during appropriate use.

- **Hazardous reactions:** No hazardous reactions known.

- **Hazardous decomposition products:** At very high temperatures cracking products can be released, which forms explosive mixtures with air.

11 Toxicological information

- **Acute toxicity:**

LD50 (oral,Rat): > 2000 mg/kg. Very low acute toxicity.

- **Additional toxicological informations:**

In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Information about elimination (persistence and degradability):**

Most of the organic substances contained in the product cannot be classified as "readily biodegradable".

- **Ecotoxicological effects:**

Acute Fish toxicity: LC50 > 100 mg/l

(Leuciscus idus), DIN 38412T15, Brachydanio rerio, ISO 7346)

Acute Bacteria toxicity: EC50 > 100 mg/l (Pseudomonas putida)

- **Water hazard class:** nwg (self classification): not hazardous for water.

13 Disposal considerations

- **Product:**

- **Recommendation:** Disposal according to local regulations as pharmaceutical waste.

- **Empty contaminated packaging:**

- **Recommendation:** Disposal according to the local regulations.

14 Transport informations

- **Land transport according to ADR:**

Not classified as dangerous in the meaning of transport regulations.

15 Regulatory information


- **Labelling according to actual legislation (GHS, Globally Harmonized System of Classification and Labelling of Chemicals):**

The product does not need to be labelled according to GHS-regulations.

- **National regulations (Germany):**

- **Water hazard class:** see chapter 12

- **Storage class TRGS 510:** 11

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16 Other Information

The information provided in this MSDS is correct to the best of our knowledge at the date of edition.

· **Reason for last revision:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.