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

- **Informations to product No. 4164**
- **Product name:**

**Cetylpalmitat 15**  
Cetylis palmitas, Cetaceum artificiale  
Cetyl Palmitate 15

- **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

- **Hazards identification:** The substance is not classified as dangerous according to European Union legislation.

## 3 Composition / information on ingredients

- **Chemical characterization:** Fatty acids, C16-C18, C12-C18-Alkyl ester

**CAS-No. Substance name**

95912-87-1 Fatty acids, C16-18-, C12-18-Alkyl ester


- **EINECS-No.:** 306-083-2

- **REACH Reg. No.:** 01-2119972308-30-0000

- **INCI-Name:** Cetyl Palmitate 15

## 4 First aid measures

- **after inhalation:** Not relevant
- **after skin contact:** Wash away with water.
- **after eye contact:** Rinse off with water. Call in ophthalmologist if feeling unwell continuously.
- **after swallowing:** Drink plenty of water. Seek medical advice.

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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. In case of fire dangerous vapours/gases can be generated: Smoke gases.
- **Special protective equipment for fire-fighters:** Suitable protective clothes and respiratory protection.

## 6 Accidental release measures

- **Personal protective measures:** Avoid dust formation and contact with substance.
- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Take up dry. Disposal according to Chapter 13 of this MSDS. Clean up with water.

## 7 Handling and storage


- **Handling:** Keep away from open fire.
- **Storage:**
- **Requirements for storage areas and containers:** Keep container tightly closed.
- **Additional informations to storage conditions:** none

## 8 Exposure controls / personal protective equipment

- **Personal protective equipment:**
- **General protective and hygiene measures:**  
The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Dust protection mask.
- **Hand protection:** Protection gloves of latex or rubber.
- **Eye protection:** Protection glasses

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white
- **Odour:** odourless
- **Melting point / melting range:** 41 - 56 °C
- **Boiling point / boiling range:** not determined
- **Flash point:** ca.240 °C DIN ISO 2592
- **Density:** (80 °C) 0,817-0,820 g/cm<sup>3</sup>
- **Bulk density:** (20 °C) 400 kg/m<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** (20 °C) not soluble

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## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** Avoid strong heating.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none.

## 11 Toxicological information

- **Additional toxicological informations:**

LD50 > 5000 mg/kg.

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

## 12 Ecological information

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

Readily biodegradable. All single organic substances contained in the product reach values of at least 60% BSB/CSB bzw. 70% DOC-reduction (OECD-limit for classification "readily biodegradable")

- **Aquatic toxicity:**

Fische: Brachydanio rerio LC50 > 100 mg/l (OECD 209)

Bakterien: Pseudomonas putida EC50 > 100 mg/l (ISO 7346-2 semistatic)

- **Water hazard class:** nwg (VwVwS): 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:** Adaption to regulation (EC) 1907/2006 (REACH)