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

• **Informations to product No. 3271**

• **Product name:**

### **Dronabinol Migl. stab. o. Subst. NRF S.45** **Palmitoylascorbinsäurehaltige Mittelkett. Triglyceride**

• **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**

• **Description:** Mixture of decanoyl- and octanoyl glycerides

• **CAS-No Substance name:**

73398-61-5 decanoyl- and octanoyl glycerides (95%)

• **EINECS-No.:** 277-452-2

• **REACH-Reg.-No.:** 01-2119492306-35-0001

• **INCI-Name:** Caprylic/Capric Triglyceride

• **CAS-No Substance name:**

137-66-6 6-O-palmitoylascorbic acid (5%)


• **EINECS-No.:** 205-305-4

• **REACH-Reg.-No.:** 01-2120769098-41-0000

• **INCI-Name:** Ascorbyl Palmitate

## 4 First aid measures

• **after skin contact:** Wash off with water.

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- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

## 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

- **Environmental protective measures:** Prevent from entering into drains.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust.

## 7 Handling and storage

- **Handling:** No special requirements.
- **Informations to fire or explosion protection:** No special measures required.
- **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:** Safety glasses.

## 9 Physical and chemical properties

- **Form:** liquid
- **Colour:** light yellow
- **Odour:** faint odour
- **Melting point / melting range:** < 0 °C cloudpoint
- **Boiling point / boiling range:** not determined
- **Flash point:** 220 °C (DIN ISO 2592)
- **Vapour pressure:** (20 °C) < 0,01 hPa
- **Density:** (20 °C) 0,93 – 0,96 g/cm<sup>3</sup>

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- **Solubility in / Miscibility with**
- **Water:** < 1g/l (20 °C)
- **Viscosity, dynamic:** (20 °C) 25 - 33 mPas

## 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

- **Acute toxicity:** LD50(oral,Rat): > 2000 mg/kg
- **Primary irritant effect:**  
On skin: Not irritant  
On eyes: Not irritant
- **Sensitization:** Not sensitizing

## 12 Ecological information

- **Information about elimination (persistence and degradability):**  
Readily biodegradable.: > 60%, 28d, ISO 10708
- **Aquatic toxicity:** Not acute harmful for water organisms.
- **Log pOW:** > 8 (pH 6,3, 23 °C, OECD 117)
- **Water hazard class:** Generally hazardous for water according to annex 1 No. 3.2 AwSV

## 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):**

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- **Water hazard class:** see chapter 12
- **Storage class TRGS 510:** 10
- **VbF class:** -

## 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.