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

• **Informations to product No. 7162**

• **Product name:**

Decyloleat

Cetiol® V Neu: Kollicream® DO (stabilisiert)

Decyl oleate

• **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**

CAS-No. Substance name

3687-46-5 Oleic acid decyl ester, decyl oleate

• **EINECS-No.:** 222-981-6

• **REACH Reg. No.:** 01-2119489425-28-0000

• **INCI-Name:** Decyl Oleate


4 First aid measures

• **after inhalation:** Not relevant.

• **after skin contact:** Take off contaminated clothes and shoes, wash immediately with plenty of water and soap.

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

• **after swallowing:** Rinse mouth, drink plenty of water.

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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.
- **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

- **Personal protective measures:** Avoid contact with substance.
- **Additional information:** 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:** 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). 5-30 °C
Protect from temperatures below 5 ° C
If frozen, than slowly and stir well before using.
Protect from temperatures above: 30 ° C
The packed product must be protected from exceeding the specified temperature.

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 precautions during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** protection gloves of rubber or latex.
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** light yellow
- **Odour:** odourless

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- **Melting point / melting range:** - 5 - 5 °C
- **Boiling point / boiling range:** > 300 °C
- **Flash point:** 215 °C
- **Density:** (20 °C) 0,864 g/cm³
- **Solubility in / Miscibility with**
- **Water:** not soluble
- **Viscosity:**
- **dynamic:** (20 °C) 15,9 mPas DFG-C-IV-7
- **Additional information:** Cloudpoint: < 5°C (DIN ISO 3015)
- **decomposition temperature:** >215 °C
- **ignition temperature:** >215 °C

10 Stability and reactivity


- **Thermal decomposition / conditions to avoid:** Avoid strong heating.
Decomposition above 215 °C.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** None.

11 Toxicological information

- **Acute toxicity:** LD50 > 5000 mg/ oral. After a single contact with skin practically non-toxic. After a single ingestion practically non-toxic.
LD50 (dermal) >2,000mg/kg (Rat)
LD50 > 5000 mg/kg body weight>2,000mg/kg (Maus)
- **Primary irritant effect:**
- **on skin:** Not irritant (OECD-method 404)
- **on eyes:** Not irritant (OECD-method 405)
- **Sensitization:** no sensitize
- **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):**
Readily biodegradable: All components reach in biodegradability tests (e.g. OECD 301 A-F) values of at least 60% BSB/CSB bzw. 70% DOC-reduction (Limit for classification "readily degradable": >= 70% DOC-reduction or >= 60% BSB/CSB in 28 days).
- **Ecotoxic effects:**
- **Remark:**
Acute Fish toxicity: LC50 > 100 mg/l
Acute Bacteria toxicity: EC50 > 100 mg/l
Acute invertebrata toxicity: EC50 > 100 mg/l. (acute daphnia toxicity according to OECD 202)
Water plant /algue toxicity: EC50 > 100 mg/l. (87/302/EWG, Part C, page. 89)
Chronical fish toxicity: NOEC > 100 - <= 1000 mg/l.
Chronical invertebrata toxicity: NOEC > 100 - <= 1000 mg/l.
Fish toxicity: LC50 >3,000mg/l (Brachydanio rerio)
Aquatic Invertebrata: EC50 >100mg/l (Daphnia magna)
Water plant: EC50 >100mg/l (Desmodismus subspicatus)

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Microorganisms/ Effect on activated sludge: EC0 > 100mg/l
 Chronical Toxicity aquat. Invertebrata: NOEC > 1mg/l (Daphnia magna)

- **Log pOW:** 12,44
- **Adsorption/water-soil:** log KOC: 7,02
- **Water hazard class:** 1 (VwVwS): slightly 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:** 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)