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

- **Informations to product No. 2274**
- **Product name:**

Isopropylmyristat Isopropylis myristas

- **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..

2 Composition / information on ingredients

CAS-No. Substance name

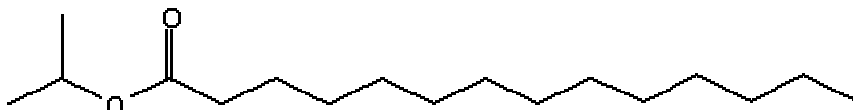
110-27-0 Isopropyl myristate

- **EINECS-Nr.:** 203-751-4

- **REACH Reg. No.:** 01-2119541806-35-


- **INCI-Name:** Isopropyl Myristate

- **Chemical characterization**



4 First aid measures

- **after skin contact:** Wash away with water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Rinse mouth, 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.
- **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:** Keep away from open fire.
- **Storage:**
- **Requirements for storage areas and containers:** Keep container tightly closed. Kühl und trocken, unter 30 °C.
- **Advices on common storage:** Not required.

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:** Not required.
- **Hand protection:** Protection gloves of rubber or latex.
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless
- **Odour:** odourless
- **Melting point / melting range:** 3 °C
- **Boiling point / boiling range:** 193 °C
- **Flash point:** ca. 150 - 168 °C
- **Density:** (20 °C) 0,85 g/cm³
- **Viscosity:** (20 °C) 5,0 - 6,0 mPa*s
- **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:** none if used appropriately.

11 Toxicological information

- **Acute toxicity:**

LD50: > 5000 mg/kg

- **Primary irritant effect:**

- **on skin:** Slightly irritant effect, no labelling required (OECD 404).

- **on eyes:** Slightly irritant effect, no labelling required (Draize).

- **Sensitization:** no sensitization.

12 Ecological information

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

Readily biodegradable. All organic substances in the product reach >60% in tests for biodegradation.

- **Aquatic toxicity:**

Acute fish toxicity: LC50 > 1000 mg/l (ISO 7346/2 semistatic)

Acute bacteria toxicity: EC50 > 100 mg/l (OECD 209)

Chronical bacteria toxicity: EC0 > 100 mg/l (DIN 38412 T.8.)

- **Log pOW:** 7,71

- **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):**

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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.