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

· Angaben zum Produkt 3137

· Product name:

Sorbitan- und Glycerolmonooleat
ROFETAN® W/O-Emulgator

· 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

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

1338-43-8 Sorbitanmonooleat

91744-09-1 Glycerolmonooleat

· EINECS-No.:

215-665-4 Sorbitanmonooleat

294-571-5 Glycerolmonooleat

· REACH Reg. No.: -

Sorbitanmonooleat: (pre-registered)

Glycerolmonooleat: 01-2119492307-33-0000

· INCI-Name:

Sorbitan Oleate

Glyceryl 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:** Do not induce vomiting. Drink water or milk. Treatment according to symptoms.

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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

- **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:**
Tightly closed. Store at a dry place. At room temperature (+15°C to +25°C).

8 Exposure controls / personal protective equipment


- **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
- **Eye protection:** Safety glasses

9 Physical and chemical properties

- **Form:** like wax
- **Colour:** yellow - amber
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** > 150 °C
- **Density:** (25 °C) ca.1,0 g/cm³ DIN 51757
- **Solubility in / Miscibility with**
- **Water:** (Emulgator)

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**
No decomposition during appropriate use.

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- **Materials to avoid:** none
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** In case of fire: Carbon dioxide, Carbon monoxide

11 Toxicological information

- **Acute toxicity:**
LD50 (oral,Rat): > 10.000 mg/kg
- **Primary irritant effect:** Irritant effect on skin and eyes not likely.
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Aquatic toxicity:**
LC50 Oncorhynchus mykiss: 75 mg/l/96h (Glycerol monostearate)
- **Information about elimination (persistence and degradability):**
Readily biodegradable
- **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:** 11

16 Other Information

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

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