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

• **Informations to product No. 3456**

• **Product name:**

Sorbitanmonostearat, Typ I **Sorbitani stearas, SPAN® 60**

• **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

1338-41-6 Sorbitan monostearate

• **EINECS-No.:** 215-664-9

• **REACH Reg. No.:** 01-2119969652-26-0000

• **INCI-Name:** Sorbitan Stearate


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. Symptomatic treatment.

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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:** wachsig
- **Colour:** yellow - amber.
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** > 149 °C
- **Vapour pressure:** (20 °C) < 1,4 hPa DIN 51754
- **Density:** (25 °C) ca.1,0 g/cm³ DIN 51757
- **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.

- **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): > 15900 mg/kg

- **Primary irritating effect:** Irritant effect not likely on skin and eyes.

- **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):**

Quantitative data about ecological effects of this product are not available.

- **Aquatic toxicity:**

Fish: Oncorhynchus mykiss LC50: 75 mg/l/96h

- **Water hazard class:** 1 (self classification): 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

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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:** Adjustment to regulation (EC) 1907/2006 (REACH) and GHS-labelling system.