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

· **Informations to product No. 7673**

· **Product name:**

Silikon-Antischaumemulsion SILFAR SE 4

· **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:** Polydimethylsiloxane and auxiliary substances, emulsion in water

4 First aid measures

· **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. If irritation continues seek medical advice.


· **after swallowing:** Drink water, do not induce vomiting.

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

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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, prevent from contaminating surface water or the ground water system.
- **Methods for cleaning:** Absorb with liquid-binding material: Sand, silica gel, acid binder, universal binder, saw dust. Disposal according to Chapter 13 of this MSDS. Clean up with water.

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


- **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:** milky
- **Odour:** odourless
- **Melting point / melting range:** < 0 °C
- **Boiling point / boiling range:** ca. 100 °C
- **Flash point:** Not applicable
- **Density:** (20 °C) ca. 1 g/cm³
- **Solubility in / Miscibility with**
- **Water:** completely miscible
- **pH-value:** 3 - 5

10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Hazardous decomposition products:** After strong heating small quantities of formaldehyde are generated by oxydative decomposition.

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11 Toxicological information

- **Acute toxicity:**

LD50 (oral, rat): >3000 mg/kg (cobclusion by analogy)

- **Primary irritant effect:** Not irritant on skin and eyes

- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Ecotoxicological Effects:**

Danio rerio LC50: > 100 mg/l, 96h

Daphnia magna EC50: > 100 mg/l, 48h

Activated sludge EC50: > 1000 mg/lm 3h

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

Not biodegradable.

Limited degradation by abiotic processes.

- **Mobility and bioaccumulation potential:** Bioaccumulation not likely.

- **Ecotoxical effects:** In case of appropriate handling and usage the product does not cause ecological problems.

- **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:** 10

- **VbF class:** -

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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.