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

· **Informations to product No. 4167**

· **Product name:**

**Cetylstearylalkohol, emulgierender (Typ A)**  
vormals Lanette® N

· **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**

**CAS-No. Substance name**

68955-20-4 (Sulfuric acid, Mono-C16-18-alkyl ester, sodium salts, H319, H315, H412) (5 - 15%)

· **EINECS-No.:** 273-258-7

· **REACH Reg. No.:** 01-2119956652-31-0000

· **INCI-Name:** Sodium Stearyl Sulfate

**CAS-No. Substance name**

36653-82-4 Cetyl alcohol (1-Hexadecanol) (40 – 47%)

· **EINECS-No:** 253-149-0

· **REACH Reg. No.:** 01-2119485905-24-0000

· **INCI-Name:** Cetyl Alcohol


**CAS-No. Substance name**

112-92-5 Stearyl alcohol (1-Octadecanol) (40 – 47%)

· **EINECS-No:** 204-017-6

· **REACH Reg. No.:** 01-2119485907-20-0000

· **INCI-Name:** Stearyl Alcohol

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## 4 First aid measures

- **after inhalation:** Not relevant.
- **after skin contact:** Wash away with water.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open.
- **after swallowing:** Drink water. Induce vomiting. Seek medical advice.

## 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:** No special measures required.
- **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 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:** solid (wax-like mass)
- **Colour:** white – fait yellow
- **Odour:** odourless
- **Melting point / melting range:** 50 - 54 °C (DGF-C-IV-3C)
- **Boiling point / boiling range:** not determined
- **Flash point:** 177 °C (DIN EN 22719; ISO 2719)

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- **Density:** (60 °C) 0,81 – 0,83 g/cm<sup>3</sup>
- **Solubility in / Miscibility with**
- **Water:** Emulgant

## 10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:**  
No decomposition during appropriate use.
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** none

## 11 Toxicological information

- **Acute toxicity:**  
LD50(oral,Rat): > 5000 mg/kg
- **Skin irritation:** not irritant
- **Eye irritation:** slightly irritant

## 12 Ecological information

- **Information about elimination (persistence and degradability):** Readily biodegradable
- **Aquatic toxicity:**  
Fish: LC50 > 10 - 100 mg/l, Brachydanio rerio (DIN EN ISO 7346-2)  
Bacteria: EC0 > 100 mg/l, Pseudomonas putida (OECD 209)
- **Water hazard class:** 2 (VwVwS): 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.