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

- **Informations to product No. 4485**
- **Product name:**

### Nichtionische emulgierende Alkohole

- **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**

O/W-Emulgator

### **CAS-No. Substance name**

67762-27-0 Alcohols C16-C18,

68439-49-6 Alcohols C16-C18, ethoxylated, H302, H318, H400, GHS09, GHS05, GHS07

31566-31-1 Glycerol monostearate

- **EINECS-No.:** 267-008-6, 500-212-8, 250-705-4


- **REACH Reg. No.:** 01-2120092297-47-0000, (pre-registered), 01-2119492307-33-0000

- **INCI-Name:** Cetearyl Alcohol, Cetearth-80, Glyceryl Stearate

- **Source of base material:** vegetal and synthetic

## 4 First aid measures

- **after skin contact:** Wash away with water and soap
- **after eye contact:** Rinse out with water. If feeling unwell continuously seek medical advice.
- **after swallowing:** Drink plenty of water. Induce vomiting. 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 but not flammable. 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

- **Personal protective measures:** No special measures required.
- **Environmental protective measures:** Prevent from leaking into sewage water, ground water system or surface waters.
- **Methods for cleaning:** Take up dry.

## 7 Handling and storage

- **Handling:** No special requirements.
- **Advice on safe handling:** No special measures required.
- **Informations to fire or explosion protection:** No special measures required.
- **Storage:**
- **Requirements for storage areas and containers:** Tightly closed. Store max 2 years in original container with protection from solar irradiation. At temperature up to 30°C
- **Advices on common storage:** Not required.

## 8 Exposure controls / personal protective equipment

### Components with limit values that require monitoring at the workplace:

The product does not contain relevant quantities of substances with limit values that require monitoring at the workplace.

- **Personal protective equipment:**
- **General protective and hygiene measures:** Wash hands before breaks and after work.
- **Respiratory protection:** Not required.
- **Hand protection:** Not required.
- **Eye protection:** Not required.

## 9 Physical and chemical properties

- **Form:** solid
- **Colour:** white - light yellow
- **Odour:** faint
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** not determined

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- **Density:** not determined.
- **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:**  
Oral – LD<sub>50</sub> > 5.000 mg/kg
- **Primary irritant effect:**  
On skin: Slightly irritant  
On eyes: Slightly irritant
- **Sensitization:** Not sensitizing
- **Additional toxicological informations:** In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Aquatic toxicity:**  
Quantitative ecotoxicological data for this product are not available.  
Not acute harmful for water organisms.
- **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):**

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- **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.

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