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

- **Informations to product No. 7631**
- **Product name:**

### Silikonöl Typ 100 Dimeticon 100

- **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

- **Description:** Polydimethylsiloxane. The viscosity corresponds to the type / substance name (see chapter 9) Applications: Deco-additive, deo-additive, dispersant / surface agent / Emollients, Polymers / skin and hair care conditioner, oil components / waxes / creme bases.

- **CAS-No. Substance name**

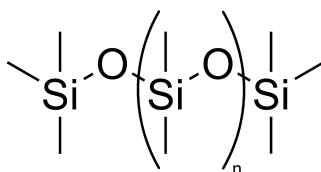
63148-62-9 Dimethyl siloxane


- **EINECS-No.:** 613-156-5

- **REACH Reg. No.:** - (Polymer)

- **INCI- name:** Dimethicone

- **Chemical characterization:**  $(\text{H}_3\text{C})_3\text{SiO}[\text{Si}(\text{CH}_3)_2\text{O}]_n\text{Si}(\text{CH}_3)_3$



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## 4 First aid measures

- **after skin contact:** Wash away with water and soap.
- **after eye contact:** Rinse out with plenty of water with the eyelid wide open. If irritation continues seek medical advice.
- **after inhalation:** Not relevant.
- **after swallowing:** No harmful effects likely. Laxative effect. If feeling unwell, 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:** Not combustible, but can be decomposed by pyrolysis. In case of fire smoke of highly dispersed silicon dioxide can be generated.
- **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 entering into drains.
- **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.
- **Information 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:** Protection gloves of rubber or latex.
- **Eye protection:** Safety glasses.

## 9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless/clear

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- **Odour:** odourless
- **Melting point / melting range:** < 0 °C
- **Boiling point / boiling range:** > 315 °C
- **Flash point:** > 300 °C (DIN 51376)
- **Ignition temperature:** > 400 °C (DIN 51794)
- **Density:** (20 °C) 0,97 g/cm<sup>3</sup>
- **Vapour pressure:** (20 °C) < 0,0001 hPa
- **Solubility in / Miscibility with**
- **Water:** Not miscible
- **Viscosity:** (25°C) 100 mm<sup>2</sup>/s

## 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.

## 11 Toxicological information


- **Acute toxicity:**  
LD50 (rat, oral): > 5000 mg/kg
- **Primary irritant effect:**
- **on skin:** no irritant effect
- **on eyes:** no irritant effect
- **Sensitization:** no sensitizing effect known
- **Additional toxicological informations:**  
In case of appropriate handling and usage the product does not cause harmful effects.

## 12 Ecological information

- **Aquatic toxicity:** Not acute harmful for water organisms.  
Fishes: Leuciscus idus LC0 200 mg/l/96 h  
Bacteria: Pseudomonas putida EC0 > 10.000 mg/l
- **Information about elimination (persistence and degradability):**  
Not biodegradable.  
Limited degradation by abiotic processes.  
Forms a thin oil film on water.  
All silicone oils are adsorbed by floating particles in water and separated by sedimentation.
- **Mobility and bioaccumulation potential:** Bioaccumulation not likely.
- **Ecotoxic 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:**

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- **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:** -

## 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)