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

- **Informations to product No. 7350**
- **Product name:**

Paraffinum liquidum **Dickflüssiges Paraffin** **Viscous liquid paraffin**

- **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

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

8042-47-5 Paraffin (Vaselin oil)

- **EINECS-No.:** 232-455-8

- **REACH-Reg.No:** 01-2119487078-27-0000

- **INCI-Name:** Paraffinum Liquidum


- **General information:** liquid mixture of paraffinic and naphtenic hydrocarbons.

4 First aid measures

- **General advices:** No special measures required.
- **after inhalation:** (Vapours of hot product): Fresh air.
- **after skin contact:** No special measures required
- **after eye contact:** Wipe away and rinse out with plenty of water.
- **after swallowing:** Drink plenty of water. Do not induce vomiting. Seek medical advice.
- **Medical advice:**
- **The following symptoms might occur:** After swallowing of big quantities: Diarrhea.

5 Fire-fighting measures

- **Suitable extinguishing media:** All regular extinguishing media can be used. Select fire fighting measures suitable to surrounding environment.

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- **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:

- **Personal protective measures:** Avoid contact with substance.
- **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.

7 Handling and storage

- **Handling:** No special requirements.
- **Advice on safe handling:** No special measures required.
- **Informations to fire or explosion protection:** 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). Maximal storage temperature +55°C.
- **Advices on common storage:** Not required.
- **Additional informations to storage conditions:** none

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:** The usual precaution measures during handling of chemicals are to observe.
- **Respiratory protection:** Not required.
- **Hand protection:** Protection gloves
- **Eye protection:** Safety glasses.

9 Physical and chemical properties

- **Form:** liquid
- **Colour:** colourless
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** not determined
- **Flash point:** 134 - 234 °C
- **Kinematic Viscosity:** In the range between 100 and 300mm²/s (typical range for paraffin oils).
- **Solubility in / Miscibility with**
- **Water:** not soluble (< 0,1 g/l)

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10 Stability and reactivity

- **Thermal decomposition / conditions to avoid:** No decomposition during appropriate use.
- **Materials to avoid:** Strong oxidizers
- **Hazardous reactions:** No hazardous reactions known.
- **Hazardous decomposition products:** After strong heating: Cracking products.

11 Toxicological information

- **Acute toxicity:** The existing toxicological data did not reveal hazardous properties. LD50 (oral, Rat): > 2000 mg/kg, no observed toxic effect.
- **Primary irritating effect:** After eye contact slightly irritant, after skin contact not irritant.
- **after swallowing:** not harmful, if bigger quantities are swallowed, illness and diarrhea are possible.
- **Additional toxicological informations:**
In case of appropriate handling and usage the product does not cause harmful effects.

12 Ecological information

- **Ecotoxic effects:**
Slowly biodegradable. Can form films on water surfaces and suppress oxygen exchange.
- **Behaviour in sewage plants:** Mechanical separation in sewage plants is possible.
- **Water hazard class:** 1 (VwVwS): 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.