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

· Informations to product No. 7348

· Product name:

Paraffinum perliquidum Dünnflüssiges Paraffin 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

· 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

· GHS-Labeling Elements:



· Signal word: Danger

· H-Phrases:

H304 May be fatal if swallowed and enters airways

· P-Phrases:


P301 IF SWALLOWED:

P310 Immediately call a POISON CENTER or doctor/physician

P331 Do NOT induce vomiting

The product is classified as hazardous substance because of its viscosity of $< 20,5 \text{ mm}^2/\text{s}$ at 40°C .

Asp. Tox. 1

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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

- **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.
- **The following symptoms might occur:** After swallowing: Danger of penetration into lungs. 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.
- **Specific hazards during fire fighting:** Combustible. 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:** 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

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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 - amber
- **Odour:** odourless
- **Melting point / melting range:** not determined
- **Boiling point / boiling range:** 218 – 800 °C
- **Flash point:** > 180 °C
- **Self ignition:** 325 - 355 °C
- **Kinematic Viscosity:** ca. 16 mm²/s (40 °C)
- **Density:** 0,852 g/ccm
- **Solubility in / Miscibility with**
- **Water:** not soluble (< 0,1 g/l)

10 Stability and reactivity


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

11 Toxicological information

- **Acute toxicity:**
LD50 Acute oral > 5000 mg/kg rat, OECD 401)
LD50 Acute dermal > 2000 mg/kg (rabbit, OECD 402)
LC50 Acute inhal. > 5000 mg/m³/4h(rat, OECD 403)
Skin irritation: not irritant (rabbit, OECD 404)
Eye irritation: not irritant (rabbit, OECD 405)
Sensitization skin: Not sensitizing (guinea pig OECD 406)

12 Ecological information

Slowly biodegradable. (31, 3%, 28d, OECD 301 F) Can form films on water surfaces and suppress

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oxygen exchange.

- **Ecotoxicological effects:**

Fish LC50 > 1000 mg/l (96 h) *Leuciscus idus* OECD 203

Daphnia LL50 > 100 mg/l (48 h) *Daphnia magna* OECD 202

Algae NOEL >= 100 mg/l (72 h) *Pseudokirchnerella subcapitata* OECD 201

- **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 is classified and labelled according to GHS-regulations.

- **Hazard symbols:** GHS08

- **Signal word:** Danger

- **H-Phrases:**

H304 May be fatal if swallowed and enters airways

- **P-Phrases:**

P301 IF SWALLOWED:

P310 Immediately call a POISON CENTER or doctor/physician

P331 Do NOT induce vomiting

- **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). Classification as hazardous substance because of its viscosity.