

Trade name: Paraffinum liquidum

Substance number: 265460

Version: 4 / CH

Date revised: 17.12.2018

Replaces Version: 3 / CH

Print date: 06.02.19

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

Paraffinum liquidum

Item No. 26546000

### **Substance / product identification**

CAS-No. 8042-47-5

EINECS-No. 232-455-8

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

### **2.3. Other hazards**

No special hazards have to be mentioned.

## **SECTION 3: Composition/information on ingredients**

### **Further ingredients**

#### **White mineral oil (petrolatum)**

CAS No. 8042-47-5

EINECS no. 232-455-8

Registration no. 01-2119487078-27-XXXX

Concentration &gt;= 95 %

Advice: [4]

Classification (Regulation (EC) No. 1272/2008)

Asp. Tox. 1 H304

#### **Note**

[4] Voluntary information

## **SECTION 4: First aid measures**

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## 4.1. Description of first aid measures

### General information

In case of persistent symptoms consult doctor. Take off contaminated clothing and shoes immediately. Adhere to personal protective measures when giving first aid

### After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment. Irregular breathing/no breathing: artificial respiration. If the patient is likely to become unconscious, place and transport in stable sideways position.

### After skin contact

Wash off immediately with soap and water and rinse well. Consult a doctor if skin irritation persists.

### After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

### After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. By continuous complaints consult a physician.

## 4.3. Indication of any immediate medical attention and special treatment needed

### Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

## **SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

#### Suitable extinguishing media

Water spray jet, Foam, Dry chemical extinguisher, Carbon dioxide

#### Non suitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Wear protective clothing.

#### Other information

Cool endangered containers with water spray jet.

## **SECTION 6: Accidental release measures**

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep away unprotected persons. High risk of slipping due to leakage/spillage of product. Refer to protective measures listed in Sections 7 and 8.

### 6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

### 6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder). Take up mechanically and collect in suitable container for disposal.

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**6.4. Reference to other sections**

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid formation of aerosols. Handle and open container with care. Smoking, eating and drinking should be prohibited in application area. Observe the usual precautions for handling chemicals. Avoid contact with skin and eyes.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking. Take action to prevent static discharges. Vapours can form an explosive mixture with air.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed and dry.

**Hints on storage assembly**

Do not store with oxidizing agents.

**Storage classes**

Storage class according to TRGS 510      10      Flammable liquids

**Further information on storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Protect from light.

**SECTION 8: Exposure controls/personal protection****8.2. Exposure controls****Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary. Provide adequate ventilation.

**General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Wash hands and face before breaks and after work. Avoid contact with skin and eyes. Do not inhale gases/vapours/aerosols. At work do not eat, drink, smoke or take drugs.

**Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Gas filterA.

**Hand protection**

Gloves (solvent-resistant)

Appropriate Material	Polychloroprene	
Material thickness	0.5	mm
Breakthrough time	>= 8	h
Appropriate Material	nitrile rubber - NBR	
Material thickness	0.35	mm
Breakthrough time	>= 8	h
Appropriate Material	Butyl rubber - Butyl	
Material thickness	0.5	mm
Breakthrough time	>= 8	h
Appropriate Material	Fluoro carbon rubber - FKM	
Material thickness	0.5	mm

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Breakthrough time  $\geq$  8 h  
 Appropriate Material PVC  
 Material thickness 0.5 mm  
 Breakthrough time  $\geq$  8 h  
 Not suitable: gloves of natural latex  
 Leather gloves  
 Gloves of thick material

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Solvent-resistant protective clothing

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Form** Liquid**Colour** colourless**Odour** mild**pH value**

Remarks Not applicable

**Melting point**

Remarks not determined

**Initial boiling point and boiling range**

Remarks No data available

**Flash point**Value  $>$  200 °C**Upper/lower flammability or explosive limits**

Lower explosion limit 0.45 to 7 %(V)

**Vapour pressure**Value  $<$  0.13 hPa  
Temperature 20 °C**Vapour density**Value  $>$  2**Density**Value 0.863 g/cm<sup>3</sup>  
Temperature 20 °C**Solubility in water**

Remarks Immiscible resp. little miscible.

**Viscosity****kinematic**Value 70 mm<sup>2</sup>/s  
Temperature 40 °C**kinematic**Value 67 to 74 mm<sup>2</sup>/s**Explosive properties**

evaluation no

**SECTION 10: Stability and reactivity**

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**10.1. Reactivity**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.2. Chemical stability**

Stable under recommended storage and handling conditions (see section 7).

**10.4. Conditions to avoid**

Keep away from sources of heat and ignition.

**10.5. Incompatible materials**

Reactions with strong oxidising agents.

**10.6. Hazardous decomposition products**

In the event of fire the following can be released: Carbon monoxide and carbon dioxide

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity (Components)****White mineral oil (petrolatum)**

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 401	

**Acute dermal toxicity (Components)****White mineral oil (petrolatum)**

Species	rabbit	
LD50	> 5000	mg/kg
Method	OECD 402	

**Acute inhalative toxicity (Components)****White mineral oil (petrolatum)**

Species	rat	
LC50	> 5	mg/l
Duration of exposure	4	h
Method	OECD 403	

**Skin corrosion/irritation**

Remarks	Repeated and prolonged skin contact may lead to defatting and irritation of the skin.
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**Serious eye damage/irritation**

Remarks	No effect of irritation known
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**Sensitization**

Remarks	No sensitisation effect known.
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**Sensitization (Components)****White mineral oil (petrolatum)**

evaluation	non-sensitizing
Method	OECD 406
Remarks	Test conducted with a similar formulation.

**Subacute, subchronic, chronic toxicity**

Remarks	Chronic exposure causes damage of respiratory organs.
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**Mutagenicity**

Remarks	None
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**Mutagenicity (Components)**

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**White mineral oil (petrolatum)**

evaluation No experimental indications on genotoxicity in vivo found.

Remarks Test conducted with a similar formulation.

**Reproductive toxicity**

Remarks None

**Carcinogenicity**

Remarks Not documented.

**Specific Target Organ Toxicity (STOT)****Single exposure**

evaluation No indications of STOT effects are available.

**Repeated exposure**

evaluation No indications of STOT effects are available.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity**

LC0 100 to 10000

Duration of exposure 96 h

Remarks No data available.

**Fish toxicity (Components)****White mineral oil (petrolatum)**Species golden orfe (*Leuciscus idus*)

LC50 &gt; 1000 mg/l

Duration of exposure 96 h

Method OECD 203

Source BM000349 SDS Merck 20121109.pdf

**Daphnia toxicity**Species *Daphnia magna*

EC0 100 mg/l

Duration of exposure 48 h

**Daphnia toxicity (Components)****White mineral oil (petrolatum)**Species *Daphnia magna*

EC50 &gt; 100 mg/l

Duration of exposure 48 h

**Algae toxicity**Species *Pseudokirchneriella subcapitata*

EC0 100 mg/l

Duration of exposure 72 h

**12.2. Persistence and degradability****Biodegradability**

Value 60 %

Duration of test 28 d

Remarks The product is biodegradable.

**Biodegradability (Components)****White mineral oil (petrolatum)**

Value &gt; 60 %

Duration of test 28 d

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evaluation  
MethodReadily biodegradable  
OECD 301 B**12.4. Mobility in soil****Mobility in soil**

The product is insoluble and floats on water.

**12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential**

The Substance doesn't meets PBT/vPvB-criteria

**12.6. Other adverse effects****General information / ecology**

Innocuousl to aquatic organisms. Product is slightly hazardous to water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

Disposal in compliance with local and national regulations.

**SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
<b>14.1. UN number</b>	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**Water Hazard Class  
(Germany)

WGK 3

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

**SECTION 16: Other information****Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.