

Trade name: Paraffinum perliquidum

Substance number: 265400

Version: 3 / CH

Date revised: 17.12.2018

Replaces Version: 2 / CH

Print date: 04.10.19

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

### **1.1. Product identifier**

Paraffinum perliquidum

Item No. 26540000

### **Substance / product identification**

EINECS-No. 232-455-8

REACH Registry No. 01-2119487078-27-XXXX

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

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 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**

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

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

Asp. Tox. 1 H304

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

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

#### **Hazard pictograms**



#### **Signal word**

Danger

#### **Hazard statements**

H304

May be fatal if swallowed and enters airways.

#### **Precautionary statements**

P301+P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P331

Do NOT induce vomiting.

P405

Store locked up.

P501.3

Disposal in compliance with local and national regulations.

#### **Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains

White mineral oil (petrolatum)

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

### **Hazardous ingredients**

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

CAS No.	8042-47-5	
EINECS no.	232-455-8	
Registration no.	01-2119487078-27-XXXX	
Concentration	>= 50	%
Classification (Regulation (EC) No. 1272/2008)		
Asp. Tox. 1	H304	

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

### **4.1. Description of first aid measures**

#### **General information**

Remove contaminated clothing immediately and dispose of safely.

#### **After inhalation**

Ensure supply of fresh air. In the event of symptoms take medical treatment.

#### **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**

If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting - aspiration hazard. By continuous complaints consult a physician.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

recommended: alcohol resistant foam, CO2-blanket, water spray/mist, Dry powder

#### **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)

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

#### **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.

### **6.2. Environmental precautions**

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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, sawdust).

### 6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

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

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Vapours can form an explosive mixture with air.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

#### Hints on storage assembly

Do not store with oxidizing agents.

#### Further information on storage conditions

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

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

#### Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

#### 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. At work do not eat, drink, smoke or take drugs. Do not inhale gases/vapours/aerosols.

#### Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. Breathing apparatus in the event of vapours. Gas filterA.

#### Hand protection

Protective gloves	
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	0.4 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  
 Leather gloves  
 Gloves of thick material  
 Not suitable: gloves of natural latex

**Eye protection**

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 to white  
**Odour** mild

**pH value**

Remarks Not applicable

**Melting point**

Remarks No data available

**Initial boiling point and boiling range**

Remarks No data available

**Flash point**

Value  $>$  182 °C  
 Method Cleveland open cup - COC

**Upper/lower flammability or explosive limits**

Lower explosion limit 0.9 to 7.0 %(V)

**Vapour pressure**

Value  $<$  0.13 hPa  
 Temperature 20 °C

**Vapour density**

Value  $>$  2

**Density**

Value 0.85 g/cm<sup>3</sup>  
 Temperature 15 °C

**Solubility in water**

Remarks Immiscible resp. little miscible.

**Partition coefficient: n-octanol/water**

pOW  $>$  3.5

**Viscosity****kinematic**

Value 14.5 to 17.5 mm<sup>2</sup>/s  
 Temperature 40 °C

**Explosive properties**

evaluation no

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**9.2. Other information****Other information**

Forms explosive mixture with air are possible.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

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

**10.2. Chemical stability**

No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No decomposition if stored and applied as directed.

**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, Aldehydes

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

Species	rabbit
evaluation	non-irritant
Method	OECD 404

**Serious eye damage/irritation (Components)****White mineral oil (petrolatum)**

Species	rabbit
evaluation	Moderately irritating
Method	OECD 405

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

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

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

evaluation	No experimental indications on genotoxicity in vivo found.
Remarks	Test conducted with a similar formulation.

**Reproduction toxicity (Components)****White mineral oil (petrolatum)**

evaluation	No negative effects
Remarks	Test conducted with a similar formulation.

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

evaluation	No negative effects
Remarks	Test conducted with a similar formulation.

**Aspiration hazard**

Harmful: may cause lung damage if swallowed.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity (Components)****White mineral oil (petrolatum)**

Species	golden orfe ( <i>Leuciscus idus</i> )	
LC50	> 1000	mg/l
Duration of exposure	96 h	
Method	OECD 203	
Source	BM000349 SDS Merck 20121109.pdf	

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

Species	Daphnia magna	
EC50	> 100	mg/l
Duration of exposure	48 h	

**12.2. Persistence and degradability****Biodegradability (Components)****White mineral oil (petrolatum)**

Value	> 60	%
Duration of test	28 d	
evaluation	Readily biodegradable	
Method	OECD 301 B	

**12.3. Bioaccumulative potential****Partition coefficient: n-octanol/water**

pOW	> 3.5
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**12.6. Other adverse effects****General information / ecology**

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Innocuousl to aquatic organisms. 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**

	<b>Land transport ADR/RID</b>	<b>Marine transport IMDG/GGVSee</b>	<b>Air transport ICAO/IATA</b>
<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      Classification according to Annex 4 VwVwS

## **SECTION 16: Other information**

### **Hazard statements listed in Chapter 3**

H304      May be fatal if swallowed and enters airways.

### **CLP categories listed in Chapter 3**

Asp. Tox. 1      Aspiration hazard, Category 1

### **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.