

Trade name: Paraffinum liquidum

Substance number: 265460

Version: 4 / CH

Date revised: 17.12.2018

Replaces Version: 3 / CH

Print date: 04.10.19

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

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

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 >= 95 %

Advice: [4]

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

Asp. Tox. 1 H304

Note

[4] Voluntary information

Other information

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

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SECTION 4: First aid measures

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 (CO₂)

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

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

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

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Appropriate Material	Fluoro carbon rubber - FKM
Material thickness	0.5 mm
Breakthrough time	>= 8 h
Appropriate Material	PVC
Material thickness	0.5 mm
Breakthrough time	>= 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 ³
Temperature	20 °C
Solubility in water	
Remarks	Immiscible resp. little miscible.
Viscosity	
kinematic	
Value	70 mm ² /s
Temperature	40 °C
kinematic	
Value	67 to 74 mm ² /s
Explosive properties	
evaluation	no

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SECTION 10: Stability and reactivity

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).

10.3. 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

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 sensitization 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.

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Subacute, subchronic, chronic toxicity

Remarks Chronic exposure causes damage of respiratory organs.

Mutagenicity

Remarks None

Mutagenicity (Components)**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 > 1000 mg/l

Duration of exposure 96 h

Method OECD 203

Source BM000349 SDS Merck 20121109.pdf

Daphnia toxicitySpecies *Daphnia magna*

EC0 100 mg/l

Duration of exposure 48 h

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

EC50 > 100 mg/l

Duration of exposure 48 h

Algae toxicitySpecies *Pseudokirchneriella subcapitata*

EC0 100 mg/l

Duration of exposure 72 h

12.2. Persistence and degradability**Biodegradability**

Value 60 %

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Duration of test 28 d
 Remarks The product is biodegradable.

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

Value > 60 %
 Duration of test 28 d
 evaluation Readily biodegradable
 Method 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**

Innocuous 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
14.1. UN number	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 WGK 3
 (Germany)
 Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

SECTION 16: Other information**Supplemental information**

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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.