

Trade name: Petroleum

Substance number: 156450

Version: 3 / CH

Date revised: 08.09.2017

Replaces Version: 2 / CH

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

1.1. Product identifier

Petroleum

Item No. 15645000

1.3. Details of the supplier of the safety data sheet

Address

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

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 Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

Supplemental information

EUH066 Repeated exposure may cause skin dryness or cracking.

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SECTION 3: Composition/information on ingredients ***

Hazardous ingredients (Regulation (EC) No. 1272/2008) ***

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

CAS No.	64742-47-8	
EINECS no.	926-141-6	
Registration no.	01-2119456620-43-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, soaked clothing immediately and dispose of safely.

After inhalation

Ensure supply of fresh air. If necessary, give oxygen. If the patient is likely to become unconscious, place and transport in stable sideways position.

After skin contact

Wash immediately with plenty of water for several minutes.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Do not induce vomiting. Summon a doctor immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not allow to drink water. Turn a vomiting person lying on his back onto his side.

4.2. Most important symptoms and effects, both acute and delayed

When inhaled or swallowed depending on the time and amount, it can give rise to the following symptoms:

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

Hints for the physician / treatment

Symptomatic treatment (decontamination, vital functions), no specific antidote known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Foam, 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); Carbon dioxide (CO₂); Can build mixtures of gas and air which are capable of explosion.

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus. Wear full protective suit.

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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. Ensure adequate ventilation.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Prevent spread over a wide area (e.g. by containment or oil barriers). Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand). When picked up, treat material as prescribed under Section 13 "Disposal". Ensure adequate ventilation.

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. Keep away from heat and sources of ignition.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use explosion-proof equipment/fittings and non-sparking tools.

Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires B (Combustible liquid substances)

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

Provide solvent-resistant and impermeable floor.

Hints on storage assembly

Do not store with oxidizing agents. Do not store with acids.

Storage class according to TRGS 510

Storage class according to TRGS 510 10 Flammable liquids

Further information on storage conditions

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

SECTION 8: Exposure controls/personal protection *****8.2. Exposure controls****General protective and hygiene measures**

Keep away from food-stuffs, beverages and feed-stocks. Wash hands 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

Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, combination filter A-P2

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Hand protection ***

Gloves (solvent-resistant)

Appropriate Material	nitrile rubber - NBR		
Material thickness	>	0.55	mm
Breakthrough time	>	480	min

Eye protection

Tightly fitting safety glasses

Body protection

Solvent-resistant protective clothing

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties *****9.1. Information on basic physical and chemical properties**

Form	Liquid		
Colour	colourless to yellowish		
Odour	of hydrocarbons		
Odour threshold	Remarks: No data available		
pH value	Remarks: Not applicable		
Freezing point	Remarks: No data available		
Initial boiling point and boiling range	Value	190	to 280 °C
Flash point	Value	> 75	°C
	Method	DIN EN 22719 / ISO 2719	
Upper/lower flammability or explosive limits	Lower explosion limit	0.5	%(V)
	Upper explosion limit	6	%(V)
Vapour pressure	Value	0.15	hPa
	Temperature	20	°C
	Source	calculated value	
Density	Value	0.815	g/cm ³
	Temperature	15	°C
	Method	ISO 12185	
Auto-ignition temperature	Value	> 220	°C
Viscosity	kinematic		
	Value	< 20.5	mm ² /s
	Temperature	40	°C
	Method	ASTM D 445	

9.2. Other information

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Other information

The product is not dangerous for explosions. Forms explosive mixture with air are possible.

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

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat. Keep away from sources of heat and ignition. Sparks

10.5. Incompatible materials

Reactions with oxidising agents. Reactions with strong acids.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information *****11.1. Information on toxicological effects****Acute oral toxicity (Components)****Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Species	rat		
LD50	>	5000	mg/kg
Method	OECD 401		

Acute dermal toxicity (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Species	rabbit		
LD50	>	5000	mg/kg
Method	OECD 402		

Acute inhalative toxicity (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Species	rat		
LC50	>	5000	mg/l
Duration of exposure	8	h	
Administration/Form	Vapors		
Method	OECD 403		

Skin corrosion/irritation (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

evaluation	slightly irritant
Remarks	Longer or repeated exposure with the product may cause dermatitis

Serious eye damage/irritation (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

evaluation	non-irritant
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Sensitization (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

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Remarks None

Mutagenicity (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Remarks Not documented.

Reproduction toxicity (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

evaluation No negative effects

Carcinogenicity (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

evaluation No negative effects

Specific Target Organ Toxicity (STOT) (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Repeated exposure

Route of exposure dermal

Aspiration hazard

Harmful: may cause lung damage if swallowed.

Experience in practice

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

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

LC50 > 1000 mg/l

Duration of exposure 96 h

Fish toxicity (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**Species rainbow trout (*Oncorhynchus mykiss*)

NOELR 0.17 mg/l

Duration of exposure 28 d

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromaticsSpecies rainbow trout (*Oncorhynchus mykiss*)

IC50 > 1000 mg/l

Duration of exposure 96 h

Daphnia toxicity (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**Species *Daphnia magna*

Duration of exposure > 1000 mg/l

Duration of exposure 48 h

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromaticsSpecies *Daphnia magna*

NOELR 1.22 mg/l

Duration of exposure 21 d

12.2. Persistence and degradability**Physico-chemical eliminability**

evaluation Readily eliminable from water

Physico-chemical eliminability (Components)

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Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
evaluation Readily biodegradable

Biodegradability (Components)

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
evaluation Readily biodegradable

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow) (Components)**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
pOW 6 to 8.2

12.4. Mobility in soil**Mobility in soil (Components)**

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
Adsorbs on soil.

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
The product is insoluble and floats on water.

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

Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
The Substance doesn't meet PBT/vPvB-criteria

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

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**

EWC waste code

Do not dispose with rubbish.

EWC waste code

Should not be released into the sanitary sewer system.

In accordance with regulations for special waste, must be taken, to an authorised special waste incineration plant.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information**Land transport ADR/RID**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

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**

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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.