

Trade name: Petroleum

Substance number: 156450

Version: 6 / CH

Date revised: 23.09.2025

Replaces Version: 5 / CH

Print date: 23.09.25

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Petroleum

Item No.

15645000

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/preparation**

industry

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.

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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.

Reduced labeling (<= 125 ml)**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.

2.3. Other hazards

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients**Hazardous ingredients****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.

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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.

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

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Keep away from sources of ignition - No smoking. Take action to prevent static discharges. 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 classes

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**8.1. Control parameters****Exposure limit values****Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

List	SUVA			
Type	MAK			
Dampf				
Value	350	mg/m ³	50	ppm(V)
Short term exposure limit	700	mg/m ³	100	ppm(V)
Pregnancy group: S Remarks: SSc; ZNS; OSHA				

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

List	SUVA	
Type	MAK	
Aerosol		
Value	5	mg/m ³
Remarks: SSc		

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

Hand protection

Gloves (solvent-resistant)
 Appropriate Material nitrile rubber - NBR
 Material thickness > 0.55 mm
 Breakthrough time > 480 min
 Hand protection must comply with EN 374.

Eye protection

Tightly fitting safety glasses

Body protection

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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**

Physical state liquid
Colour colourless, clear
Odour weak

Freezing point

Remarks No data available

Boiling point or initial boiling point and boiling range

Value 203 °C
 Method ASTM D-86

Upper and lower explosive limits

Lower explosion limit 0.6 %(V)
 Upper explosion limit 6 %(V)

Flash point

Value 79 °C
 Method ASTM D 93

pH value

Remarks Not applicable

Vapour pressure

Value 0.02 kPa
 Temperature 20 °C
 Source calculated value

Density and/or relative density

Value 800 kg/m³
 Temperature 15 °C
 Method ISO 12185

9.2. Other information**Odour threshold**

Remarks No data available

Solubility in water

Remarks Immiscible resp. little miscible.

Auto-ignition temperature

Value 227 °C
 Method ASTM E 659

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.

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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 hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks Based on available data, the classification criteria are not met.

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

Remarks Based on available data, the classification criteria are not met.

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

Species	rat	
LD50	> 5000	mg/kg
Method	OECD 402	

Acute inhalational toxicity

Remarks Based on available data, the classification criteria are not met.

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

Species	rat	
LC50	> 20	mg/l
Duration of exposure	4	h
Administration/Form	Vapors	
Method	OECD 403	

Skin corrosion/irritation

Remarks Based on available data, the classification criteria are not met.

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

Remarks Based on available data, the classification criteria are not met.

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

evaluation	non-irritant
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Sensitization

Remarks Based on available data, the classification criteria are not met.

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

Remarks None

Mutagenicity

Remarks Based on available data, the classification criteria are not met.

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

Remarks None

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

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

evaluation No negative effects

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

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

evaluation No negative effects

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

Remarks Based on available data, the classification criteria are not met.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

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.
The classification criteria are met.

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

Harmful: may cause lung damage if swallowed.

11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

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**

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

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
NOELR	0.17		mg/l
Duration of exposure	28	d	

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

Species	rainbow trout (<i>Oncorhynchus mykiss</i>)		
LL0	1000		mg/l
Duration of exposure	96	h	

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

Species	Daphnia magna		
EL0	1000		mg/l
Duration of exposure	48	h	

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

Species	Daphnia magna		
NOELR	1.22		mg/l
Duration of exposure	21	d	

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

Species	Pseudokirchneriella subcapitata		
EL0	1000		mg/l
Duration of exposure	72	h	

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

evaluation	Readily eliminable from water
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Physico-chemical eliminability (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

evaluation	Readily biodegradable
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Biodegradability (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Value	69	%
Duration of test	28	d
evaluation	Readily biodegradable	

Ready degradability (Components)**Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics****12.3. Bioaccumulative potential****Octanol/water partition coefficient (log Pow) (Components)****Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics**

pOW	> 4
Source	Estimated value

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.

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12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment *****

The Substance does not meet PBT-criteria.

This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. 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

No 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 ***	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.
14.5. Environmental hazards	-		

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 1

(Germany)

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

Other information ***The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of $\geq 0.1\%$ w/w.**SECTION 16: Other information**

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

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

Asp. Tox. 1

H304

Calculation method

Hazard statements listed in Chapter 2/3

H304

May be fatal if swallowed and enters airways.

CLP categories listed in Chapter 2/3

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.