

Trade name: Petroleum purificatum KP200-240 °C

Substance number: 156400

Version: 5 / CH

Date revised: 14.04.2022

Replaces Version: 4 / CH

Print date: 14.04.22

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

### **1.1. Product identifier**

Petroleum purificatum KP200-240 °C

Item No. 15640000

### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

#### **Use of the substance/preparation**

Solvent

### **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 \*\*\***

P243 Take action to prevent static discharges.

P331 Do NOT induce vomiting.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P405 Store locked up.

P501.3 Disposal in compliance with local and national regulations.

Trade name: Petroleum purificatum KP200-240 °C

Substance number: 156400

Version: 5 / CH

Date revised: 14.04.2022

Replaces Version: 4 / CH

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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, &lt;2% aromatics

**Supplemental information**

EUH066 Repeated exposure may cause skin dryness or cracking.

**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 &gt;= 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**

Take affected person to fresh air. Remove contaminated clothing immediately and dispose of safely.

**After inhalation**

Ensure supply of fresh air. Seek medical advice immediately. 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**

Do not induce vomiting. Seek medical advice immediately.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

Symptomatic treatment (decontamination, vital functions).

**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. Frequent and persistent contact with the skin can cause dermatitis.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

recommended: alcohol resistant foam, CO2-blanket, water spray/mist, Dry chemical extinguisher, Foam

**Non suitable extinguishing media**

Full water jet

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

Carbon monoxide (CO); Carbon dioxide (CO2); Aldehydes

Trade name: Petroleum purificatum KP200-240 °C

Substance number: 156400

Version: 5 / CH

Date revised: 14.04.2022

Replaces Version: 4 / CH

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### 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

Use personal protective clothing. 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. When picked up, treat material as prescribed under Section 13 "Disposal". Provide 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). Provide good room ventilation even at ground level (vapours are heavier than air). Handle and open container with care. Avoid formation of aerosols. Perform filling operations only at stations with exhaust ventilation facilities.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

### 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 together with: Oxidising agents

#### Storage classes

Storage class according to TRGS 510      10                      Flammable liquids

#### Further information on storage conditions

Keep container in a well-ventilated place. Keep container tightly closed, cool and dry. 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 prolonged and/or repeated contact with skin. Do not inhale gases. Do not inhale aerosols. Do not inhale vapours. At work do not eat, drink, smoke or take drugs.

#### Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. At intensive and longer exposition use self-contained breathing apparatus. combination filter A-P2

Trade name: Petroleum purificatum KP200-240 °C

Substance number: 156400

Version: 5 / CH

Date revised: 14.04.2022

Replaces Version: 4 / CH

Print date: 14.04.22

**Hand protection**

Gloves (solvent-resistant)			
Appropriate Material	nitrile rubber - NBR		
Material thickness	0.45	mm	
Breakthrough time	>= 480	min	
Gloves (solvent-resistant)			
Appropriate Material	Fluoro carbon rubber - FKM		
Breakthrough time	>= 480	min	
Appropriate Material	Polychloroprene		
Material thickness	> 0.7	mm	
Breakthrough time	60	min	
Appropriate Material	nitrile rubber - NBR		
Material thickness	> 0.3	mm	
Breakthrough time	> 60	min	

**Eye protection**

Safety glasses with side protection shield

**Body protection**

Solvent-resistant protective clothing

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

<b>Form</b>	liquid		
<b>Colour</b>	colourless		
<b>Odour</b>	paraffin-like		
<b>pH value</b>			
Remarks	Not applicable		
<b>Melting point</b>			
Remarks	No data available		
<b>Initial boiling point and boiling range</b>			
Value	193	to	245 °C
Pressure	1013	hPa	
<b>Flash point</b>			
Value	73		°C
Method	ASTM D 93		
<b>Upper/lower flammability or explosive limits</b>			
Lower explosion limit	0.6		%(V)
Upper explosion limit	5.5		%(V)
<b>Vapour pressure</b>			
Value	0.4		hPa
<b>Density</b>			
Value	0.792		g/cm <sup>3</sup>
Temperature	20	°C	
Value	0.787		g/cm <sup>3</sup>
Temperature	15	°C	
<b>Solubility in water</b>			
Value	0.02		g/l
Temperature	20	°C	
<b>Partition coefficient: n-octanol/water</b>			
Remarks	No data available		

Trade name: Petroleum purificatum KP200-240 °C

Substance number: 156400

Version: 5 / CH

Date revised: 14.04.2022

Replaces Version: 4 / CH

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**Auto-ignition temperature**

Value 236 °C

**Viscosity \*\*\*****kinematic**Value 1.97 mm<sup>2</sup>/s  
Temperature 25 °C**9.2. Other information****Surface tension**Value 29 mN/m  
Temperature 20 °C**SECTION 10: Stability and reactivity****10.1. Reactivity**

None known

**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**

Protect from heat/overheating. Heat. Flames. Sparks

**10.5. Incompatible materials**

Strong 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**

Trade name: Petroleum purificatum KP200-240 °C

Substance number: 156400

Version: 5 / CH

Date revised: 14.04.2022

Replaces Version: 4 / CH

Print date: 14.04.22

Remarks Repeated and prolonged skin contact may lead to defatting and irritation of the skin.

**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 No effect of irritation known

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

evaluation non-irritant

**Sensitization**

Remarks No sensitisation effect known.

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

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.

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

Harmful: may cause lung damage if swallowed.

**SECTION 12: Ecological information \*\*\*****12.1. Toxicity****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% aromatics**Species rainbow trout (*Oncorhynchus mykiss*)

IC50 &gt; 1000 mg/l

Duration of exposure 96 h

Trade name: Petroleum purificatum KP200-240 °C

Substance number: 156400

Version: 5 / CH

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Replaces Version: 4 / CH

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

Species	Daphnia magna	
	>	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**

Remarks	Not applicable
Source	BM000461 SDS Brenntag 20151005

**12.2. Persistence and degradability****Physico-chemical eliminability (Components)**

<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
evaluation	Readily biodegradable

**Biodegradability (Components)**

<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
evaluation	Readily biodegradable

**Ready degradability (Components)**

<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
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**12.3. Bioaccumulative potential****Partition coefficient: n-octanol/water**

Remarks	No data available
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**Octanol/water partition coefficient (log Pow) (Components)**

<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
pOW	6 to 8.2

**12.4. Mobility in soil****Mobility in soil**

The product is insoluble and floats on water.  
Adsorbs on soil.

**Mobility in soil (Components)**

<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
Adsorbs on soil.	

<b>Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt;2% aromatics</b>	
The product is insoluble and floats on water.	

**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**

Trade name: Petroleum purificatum KP200-240 °C

Substance number: 156400

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Date revised: 14.04.2022

Replaces Version: 4 / CH

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**Disposal recommendations for the product**

EWC waste code No not dispose with rubbish.  
 Recovery or recycling, if possible. Otherwise: combustion in incineration plant.  
 EWC waste code Should not be released into the sanitary sewer system.

**Disposal recommendations for packaging**

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>	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.

**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

**National regulations Switzerland**

Swiss Toxicity Class 0 (free)  
 SFOPH T no. 610 200

**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.