



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

Revision date:  
01.02.2019

**Reiniger 906**

**Article No.: 09060**

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P260 Do not breathe mist/vapours/spray.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
P403+P235 Store in a well-ventilated place. Keep cool.

### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

Results of PBT and vPvB assessment: not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Aqueous mixture.

#### Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
	hydrocarbons, C10-C13, n-alkanes, <2% aromatics			25 - <= 100 %
	929-018-5		01-2119475608-26	
	Asp. Tox. 1; H304 EUH066			
	hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics			25 - <= 100 %
	927-285-2		01-2119480162-45	
	Asp. Tox. 1; H304 EUH066			
13475-82-6	2,2,4,6,6-pentamethylheptane			10 - < 20 %
	236-757-0		01-2119490725-29	
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 4; H226 H304 H413 EUH066			
64742-82-1	hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			2.5 - < 5 %
	919-446-0	649-330-00-2	01-2119458049-33	
	Flam. Liq. 3, STOT SE 3, STOT RE 1, Asp. Tox. 1, Aquatic Chronic 2; H226 H336 H372 H304 H411 EUH066			

Full text of H and EUH statements: see section 16.

#### Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % aliphatic hydrocarbons.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice. Remove contaminated, saturated clothing immediately.

#### After inhalation

Remove casualty to fresh air and keep warm and at rest.

#### After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

#### After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

#### After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Let water be drunk in little sips (dilution effect). Call a physician immediately. Do NOT induce vomiting.

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

When in doubt or if symptoms are observed, get medical advice.

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

No information available.

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO<sub>2</sub>).

#### **Unsuitable extinguishing media**

Full water jet.

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

Hazardous decomposition products: Carbon monoxide Carbon dioxide (CO<sub>2</sub>). Do not inhale explosion and combustion gases.

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

In case of fire: Wear self-contained breathing apparatus.

#### **Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Do not allow to enter into soil/subsoil.

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Clean contaminated articles and floor according to the environmental legislation.

### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

### **6.4. Reference to other sections**

See protective measures under point 7 and 8.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Use personal protection equipment. Do not eat, drink or smoke when using this product. Provide fresh air. Handle and open container with care. Conditions to avoid: generation/formation of aerosols.

#### **Advice on protection against fire and explosion**

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Vapours of flammable solvents can accumulate in the gas phase of closed container, especially during heat treatment. Therefore keep away from fire and sources of ignition. Provide earthing of containers, equipment, pumps and ventilation facilities. Use non-sparking tools. Recommendation: Wear anti-static footwear and clothing

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

#### **Requirements for storage rooms and vessels**

Protect against: Frost. Keep away from heat. Protect against direct sunlight. Keep container tightly closed in a cool, well-ventilated place.

### **7.3. Specific end use(s)**

Observe technical data sheet.

## **SECTION 8: Exposure controls/personal protection**

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## 8.1. Control parameters

### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
64742-82-1	hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)			
Worker DNEL, long-term		inhalation	systemic	330 mg/m <sup>3</sup>
Worker DNEL, long-term		dermal	systemic	44 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	71 mg/m <sup>3</sup>
Consumer DNEL, acute		dermal	systemic	26 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day

## 8.2. Exposure controls

### Appropriate engineering controls

See chapter 7. No additional measures necessary.

### Protective and hygiene measures

When using do not eat, drink, smoke, sniff.

### Eye/face protection

Eye glasses with side protection.

### Hand protection

Wear suitable gloves. Recommended glove articles: DIN EN 374. Suitable material: NBR (Nitrile rubber). Breakthrough time (maximum wearing time): > 120 min (Thickness of the glove material: 0.4 mm). Breakthrough times and swelling properties of the material must be taken into consideration. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

### Skin protection

Protective clothing.

### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Suitable respiratory protection apparatus: Filtering Half-face mask (DIN EN 149), e.g. FFA P / Full-/half-/quarter-face masks (DIN EN 136/140) + Combination filtering device (EN 14387), e.g. A P.

### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: Liquid  
Colour: colourless, clear  
Odour: characteristic

#### Test method

pH-Value: not applicable

#### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: > 145 °C

Pour point: not determined

Flash point: >= 61 °C EN ISO 2719

Lower explosion limits: 0,6 vol. %

Upper explosion limits: 7,0 vol. %

Ignition temperature: not determined

Decomposition temperature: No information available.

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Vapour pressure:	not determined
Density (at 20 °C):	0,75 g/cm <sup>3</sup> DIN EN ISO 12185
Water solubility:	completely miscible
Partition coefficient:	not determined
Viscosity / dynamic:	not determined
Viscosity / kinematic: (at 20 °C)	< 2 mm <sup>2</sup> /s ASTM D 7042
Flow time:	not determined 4 DIN EN ISO 2431
Vapour density:	not determined
Evaporation rate:	not determined

## **9.2. Other information**

No information available.

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

No information available.

### **10.2. Chemical stability**

No information available.

### **10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

### **10.4. Conditions to avoid**

Heat.

### **10.5. Incompatible materials**

No information available.

### **10.6. Hazardous decomposition products**

No information available.

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute toxicity**

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64742-82-1	hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)				
	oral	LD50 >2000 mg/kg	Rat		
	dermal	LD50 >2000 mg/kg	Rat		

#### **Irritation and corrosivity**

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

#### **Sensitising effects**

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

#### **Carcinogenic/mutagenic/toxic effects for reproduction**

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

#### **STOT-single exposure**

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

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## **STOT-repeated exposure**

Repeated exposure may cause skin dryness or cracking. May cause damage to organs through prolonged or repeated exposure. (hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%))

## **Aspiration hazard**

May be fatal if swallowed and enters airways. (hydrocarbons, C10-C13, n-alkanes, <2% aromatics; hydrocarbons, C11-C14, isoalkanes, cyclics, <2% aromatics; 2,2,4,6,6-pentamethylheptane; hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%))

## **Practical experience**

### **Other observations**

Keeping to the general worker's protection rules and the industrial hygienics, there is no risk in handling this product through the personnel. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

There are no data available on the mixture itself.

### **12.2. Persistence and degradability**

There are no data available on the mixture itself.

### **12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

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

CAS No	Chemical name	Log Pow
64742-82-1	hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	3,70-6,70

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

No data available

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

No data available

### **12.6. Other adverse effects**

No data available

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Advice on disposal**

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

#### **Waste disposal number of waste from residues/unused products**

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors; hazardous waste

#### **Contaminated packaging**

Non-contaminated packages may be recycled. Consult the appropriate local waste disposal expert about waste disposal.

## **SECTION 14: Transport information**

### **Land transport (ADR/RID)**

<b>14.1. UN number:</b>	UN 1300
<b>14.2. UN proper shipping name:</b>	TURPENTINE SUBSTITUTE
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	III
Hazard label:	3

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Classification code: F1  
Limited quantity: 5 L  
Excepted quantity: E1  
Transport category: 3  
Hazard No: 30  
Tunnel restriction code: D/E

## Marine transport (IMDG)

**14.1. UN number:** UN 1300  
**14.2. UN proper shipping name:** TURPENTINE SUBSTITUTE  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Marine pollutant: NO  
Special Provisions: 223  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-E, S-E

## Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number:** UN 1300  
**14.2. UN proper shipping name:** TURPENTINE SUBSTITUTE  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Special Provisions: A3  
Limited quantity Passenger: 10 L  
Passenger LQ: Y344  
Excepted quantity: E1  
IATA-packing instructions - Passenger: 355  
IATA-max. quantity - Passenger: 60 L  
IATA-packing instructions - Cargo: 366  
IATA-max. quantity - Cargo: 220 L

## 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

## 14.6. Special precautions for user

No data available

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU regulatory information

2010/75/EU (VOC): 100 % (750 g/l)

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Information according to 2012/18/EU  
(SEVESO III):

P5c FLAMMABLE LIQUIDS

## National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

## 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 2,15.

### Abbreviations and acronyms

ADR: Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement concernant le transport international ferroviaire des marchandises dangereuses (Regulations concerning the International Carriage of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

CAS: Chemical Abstracts Service (a division of the American Chemical Society)

DNEL/DMEL: Derived No-Effect Level / Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

WEL (UK): Workplace Exposure Limits

TWA (EC): Time-Weighted Average

STEL (EC): Short Term Exposure Limit

ATE: Acute Toxicity Estimate

LD50: Lethal Dose, 50% (median lethal dose)

LC50: Lethal Concentration, 50% (median lethal concentration)

EC50: half maximal Effective Concentration

ErC50: EC50 in terms of reduction of growth rate

AwSV: Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe

### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Asp. Tox. 1; H304	Calculation method
STOT RE 2; H373	Calculation method
Aquatic Chronic 3; H412	Calculation method

### Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
EUH066	Repeated exposure may cause skin dryness or cracking.

### Further Information

Safety Data Sheet according to COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

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The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product



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named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*