

Trade name: White spirit

Substance number: 157400

Version: 5 / CH

Date revised: 17.12.2018

Replaces Version: 4 / CH

Print date: 27.02.19

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

White spirit

Item No. 15740000

**Registration no.**

EC No.: 919-446-0

CAS No. 64742-82-1

**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

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)

Flam. Liq. 3 H226

Asp. Tox. 1 H304

STOT SE 3 H336

Aquatic Chronic 2 H411

STOT RE 1 H372

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 \*\*\***

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

**Precautionary statements \*\*\***

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260.2	Do not breathe vapours/aerosol.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P331	Do NOT induce vomiting.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P501.1	Dispose of contents/container to industrial incineration plant.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains	Naphtha (Petroleum), hydrodesulfurized heavy; low boiling point hydrogen treated Naphtha
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**SECTION 3: Composition/information on ingredients \*\*\*****3.1. Substances****Chemical characterization \*\*\***

White spirit

**Hazardous ingredients \*\*\*****Naphtha (Petroleum), hydrodesulfurized heavy; low boiling point hydrogen treated Naphtha**

CAS No.	64742-82-1	
EINECS no.	919-446-0	
Concentration	>= 50	%
Classification (Regulation (EC) No. 1272/2008)		
	Flam. Liq. 3	H226
	Asp. Tox. 1	H304
	STOT SE 3	H336
	STOT RE 1	H372
	Aquatic Chronic 2	H411

**Other information**

94/69/EG (21. ATP). Content of benzene in the product is smaller than 0.1%. Annotation P is valid.  
Classification and characterization as may cause cancer (R45) is not necessary.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Remove contaminated clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid

**After inhalation**

Ensure supply of fresh air. When spray fog inhaled, seek medical aid immediately and show the physician the packing or the packing label. In case of respiratory arrest induce breathing with a respiratory device. Seek medical advice.

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#### **After skin contact**

Wash off with soap and water.

#### **After eye contact**

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

#### **After ingestion**

Rinse out mouth and give plenty of water to drink.

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

Headache, Dizziness, Unconsciousness, Nausea, CNS depression

### **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. 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**

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam. Extinguishing measures to suit surroundings

#### **Non suitable extinguishing media**

Full water jet

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

Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>); 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.

### **6.2. Environmental precautions**

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. Dispose of absorbed material in accordance with the regulations. Ensure adequate ventilation.

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

Information regarding waste disposal, see Section 13. Information regarding personal protective measures, see Section 8. Information regarding Safe handling, see Section 7.

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

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## 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. Observe safety references and application instructions mentioned on can. Keep away from sources of ignition!

### Advice on protection against fire and explosion

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

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

### Requirements for storage rooms and vessels

Provide solvent-resistant and impermeable floor. Use steel or stainless steel containers.

### Hints on storage assembly

Do not store with strong oxidizing agents.

### Further information on storage conditions

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

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limit values

**Naphtha (Petroleum), hydrodesulfurized heavy; low boiling point hydrogen treated Naphtha**

Type	MAK			
Value	525	mg/m <sup>3</sup>	100	ml/m <sup>3</sup>

### 8.2. Exposure controls

#### Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

#### General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work. At work do not eat, drink, smoke or take drugs. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Breathing apparatus in the event of aerosol or mist formation. Full mask, filter A

#### Hand protection

Nitrile gloves.

#### Eye protection

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	characteristic

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**Melting point**

Value	<	-15	°C
Method	DIN 51761		

**Initial boiling point and boiling range**

Value	>	140	to	212	°C
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**Flash point**

Value	>	39	°C
Method	DIN 51755		

**Upper/lower flammability or explosive limits**

Lower explosion limit	0.6	%(V)
Upper explosion limit	0.67	%(V)

**Density**

Value	0.780	g/m <sup>3</sup>
Temperature	20	°C
Method	DIN 51757	

**Solubility in water**

Remarks	not determined
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**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

Protect from heat/overheating. Heat. Flames. Sparks

**10.5. Incompatible materials**

Reactions with strong oxidising agents.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity (Components)****Naphtha (Petroleum), hydrodesulfurized heavy; low boiling point hydrogen treated Naphtha**

Reference substance	Naphtha (Petroleum), hydrodesulfurized heavy; low boiling point hydrogen treated Naphtha		
Species	rat		
LD50	>	15000	mg/kg
Method	OECD 401		

**Skin corrosion/irritation****White spirit**

Remarks	Repeated and prolonged skin contact may lead to defatting and irritation of the skin.
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**Serious eye damage/irritation****White spirit**

evaluation	slightly irritant
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**Sensitization****White spirit**

Remarks	No sensitisation effect known.
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**SECTION 12: Ecological information****12.1. Toxicity**

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**Fish toxicity****White spirit**

LC50 &lt;= 10 mg/l

**Algae toxicity****White spirit**

IC50 &lt;= 10 mg/l

**Bacteria toxicity****White spirit**

EC50 &lt;= 10 mg/l

**12.2. Persistence and degradability****Biodegradability****White spirit**

evaluation Readily biodegradable (according to OECD criteria)

**12.6. Other adverse effects****Behaviour in environment compartments**

Because of the n-octanol/water distribution coefficient (log pOW) accumulation in organisms is possible.

**General information / ecology**

Product is hazardous to water. Toxic for aquatic organisms.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

EWC waste code

No not dispose with rubbish.

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**

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
Tunnel restriction code	D/E		
14.1. UN number	1300	1300	1300
14.2. UN proper shipping name	TURPENTINE SUBSTITUTE	TURPENTINE SUBSTITUTE	TURPENTINE SUBSTITUTE
14.3. Transport hazard class(es)	3	3	3
Label			
14.4. Packing group	III	III	III
Limited Quantity	5 l		
Transport category	3		
14.5. Environmental hazards		Marine Pollutant	

## 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 (Germany) WGK 2

Remarks Classification according to Annex 4 VwVwS

### 15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

## SECTION 16: Other information

### Hazard statements listed in Chapter 3

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.  
H411 Toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 3

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2  
Asp. Tox. 1 Aspiration hazard, Category 1  
Flam. Liq. 3 Flammable liquid, Category 3  
STOT RE 1 Specific target organ toxicity - repeated exposure, Category 1  
STOT SE 3 Specific target organ toxicity - single exposure, Category 3

### Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*

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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.