

SAFETY DATA SHEET

White Spirit

The safety data sheet is in accordance with 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)

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

Date issued 17.07.2017

1.1. Product identifier

Product name White Spirit
CAS No. 64742-48-9
EC No. 265-150-3
Article no. 50100

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

Use of the substance / preparation Solvent
Relevant identified uses SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
SU8 Manufacture of bulk, large scale chemicals (including petroleum products)
PC9 Coatings and Paints, Fillers, Putties, Thinners
PC21 Laboratory chemicals

1.3. Details of the supplier of the safety data sheet

Distributor

Company name Auson AB
Postal address Verkstadsgatan 3
Postcode S-434 42
City KUNGSBACKA
Country SVERIGE
Telephone number +46 300-562000
Fax +46 300-562021
Email nina.nyth@auson.se
Website <http://www.auson.se/>
Contact person Nina Nyth

1.4. Emergency telephone number

Emergency telephone Telephone number: 112
Description: SOS Alarm

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 3; H226
	Asp. tox 1; H304
	STOT SE3; H336
	EUH 066

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1% – 100 %
Signal word	Danger
Hazard statements	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H336 May cause drowsiness or dizziness.
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. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician. P331 Do NOT induce vomiting. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents at hazardous or special waste collection point.
Supplemental label information	EUH 066 Repeated exposure may cause skin dryness or cracking.
EC label	Yes

2.3. Other hazards

Hazard description, general	Flammable
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SECTION 3: Composition / information on ingredients

3.1. Substances

Substance	Identification	Classification	Contents
Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%	CAS No.: 64742-48-9	Flam. Liq. 3; H226	– 100 %
	EC No.: 265-150-3	Asp. tox 1; H304	
	Index No.: 649-327-00-6	STOT SE3; H336	
		EUH 066	
Remarks, substance	See section 16 for explanation of hazard statements (H) listed above.		

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Fresh air and rest. Respiratory help if necessary.
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Skin contact	Wash the skin with water and soap. Get medical advice if irritation persists.
Eye contact	Get medical attention if any discomfort continues.
Ingestion	DO NOT INDUCE VOMITING! Get medical advice if large quantities have been consumed.

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

General symptoms and effects	Risk of chemical pneumonia (pneumonitis) if aspirated during and after ingestion.
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4.3. Indication of any immediate medical attention and special treatment needed

Specific details on antidotes	No information available.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Dry chemical, foam or carbon dioxide (CO ₂).
Improper extinguishing media	Do not use strong water jet which may cause fire to spread.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Heating leads to formation of combustible vapour which may form explosive mixture with air. Risk of explosion in closed containers due to rapid pressure increase.
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5.3. Advice for firefighters

Other information	Containers close to fire should be removed immediately or cooled with water.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Use appropriate protective equipment. Provide good ventilation.
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6.2. Environmental precautions

Environmental precautionary measures	Do not allow spill to enter sewers or watercourses. Inform appropriate authorities if large amounts are involved.
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6.3. Methods and material for containment and cleaning up

Clean up	Collect with absorbent, non-combustible material into suitable containers. Use suitable explosion-proof equipment.
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6.4. Reference to other sections

Other instructions	Cover spill with sand/soil.
Additional information	See Section 8 and section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Mechanical ventilation or local exhaust ventilation may be required. The product should not be used in the vicinity of open flames or other sources of ignition. Avoid sources of sparking (smoking, fire, static electricity). Always use earth (ground) wire when transferring from one
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container to another.

7.2. Conditions for safe storage, including any incompatibilities

Storage Keep away from sources of ignition – No smoking. Store in sealed, original containers in well-ventilated place.

7.3. Specific end use(s)

Specific use(s) See Section 1.2

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%	CAS No.: 64742-48-9	TWA (8h): 50 ppm TWA (8h): 300 mg/m ³ OEL short term value Value: 100 ppm OEL short term value Value: 600 mg/m ³	TWA Year: 2011

DNEL / PNEC

Summary of risk management measures, human No information available.

Summary of risk management measures, environment No information available.

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Appropriate engineering controls No smoking, fire, sparks or welding. Avoid inhalation of fumes and contact with skin. Eyewash facilities should be available at the workplace.

Eye / face protection

Suitable eye protection Wear approved, tight fitting safety glasses where splashing is probable.

Hand protection

Suitable materials Nitrile rubber.

Breakthrough time Value: > 480 minute(s)
Comments: Change protective gloves regularly in order to avoid penetration problems.

Thickness of glove material Value: ≥ 0,38 mm

Skin protection

Suitable protective clothing Wear protective clothing as needed.

Respiratory protection

Respiratory protection, comments	Half or full mask with gas filter A (brown) or respirator may be necessary.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Clear. Colourless.
Odour	Slight.
Melting point / melting range	Value: < -20 °C
Boiling point / boiling range	Value: 150 – 200 °C
Flash point	Value: ~ 40 °C
Explosion limit	Value: 0,6 – 7,0 %
Vapour pressure	Value: 300 Pa Temperature: 20 °C
Bulk density	Value: ~ 770 kg/m ³
Spontaneous combustability	Value: ~ 250 °C

9.2. Other information

Physical hazards

Number average molecular weight	Value: ~ 143
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Other physical and chemical properties

Comments	No further relevant information available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	Keep away from heat / sparks / open flames / hot surfaces. — No smoking.
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10.2. Chemical stability

Stability	Stable with normal handling.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No hazardous reactions known.
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10.4. Conditions to avoid

Conditions to avoid	Heat and sources of ignition.
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10.5. Incompatible materials

Materials to avoid	Avoid contact with oxidizing agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	No formation of hazardous decomposition products are expected under normal conditions.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute toxicity	<p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: > 2000 mg/kg Animal test species: rat</p> <p>Type of toxicity: Acute Effect tested: LD50 Route of exposure: Dermal Value: > 2000 mg/kg Animal test species: rabbit</p> <p>Type of toxicity: Acute Effect tested: LC50 Route of exposure: Inhalation. Duration: 4h Value: > 5000 mg/m³ Animal test species: rat</p>
Other toxicological data	No data that shows mutagenic, carcinogenic or reproductive toxicity effects

Other information regarding health hazards

Acute toxicity, human experience	May cause lung damage if swallowed.
Skin corrosion / irritation, human experience	Repeated exposure may cause skin dryness or cracking.
Eye damage or irritation, human experience	Reliable information on eye effects is lacking. There is no reason to suspect such effects, but handle it with care and report any symptoms or injuries to the manufacturer or the distributor
Inhalation	May cause: dizziness, fatigue, headache, indisposition. Exposure to high concentrations may cause slower reactivity, state of confusion and unconsciousness.
Skin contact	Defats the skin; may cause cracking and dermatitis.
Eye contact	Stinging. May cause irritation.
Ingestion	May cause: Vomiting. Causes similar symptoms as by inhalation. Chemical pneumonitis may develop if vomit which contains product enters the lungs.
Assessment of germ cell mutagenicity, classification	The chemical structure does not suggest a mutagenic effect.
Carcinogenicity, other information	Does not present any cancer or reproductive hazards.
Reproductive toxicity	The chemical structure does not suggest such an effect.
Specific target organ toxicity SE, human experience	May cause drowsiness or dizziness.
Aspiration hazard, comments	Aspiration may cause chemical pneumonitis.

SECTION 12: Ecological information

12.1. Toxicity

Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute aquatic, fish	Value: > 100 mg/L Test duration: 96h Method: LC50
Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute aquatic, algae	Value: > 100 mg/L Test duration: 72h Method: EC50
Substance	Naphtha (petroleum), hydrotreated heavy, benzene < 0,1%
Acute aquatic, Daphnia	Value: > 100 mg/L Test duration: 48h Method: EC50
Ecotoxicity	Exhibits low toxicity to water organisms.

12.2. Persistence and degradability

Persistence and degradability, comments	Readily degradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	Bioaccumulative.
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12.4. Mobility in soil

Mobility	Expected to have relatively low mobility in soil. Sinks in water.
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12.5. Results of PBT and vPvB assessment

PBT assessment results	The product does not contain any PBT or vPvB substance.
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12.6. Other adverse effects

Other adverse effects, comments	Ecotoxicological data are not known for this product.
Environmental details, summation	Not considered dangerous for the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Hazardous waste. Do not allow discharges to sewer, watercourses or ground. Dispose of in compliance with local regulations. Empty containers should be transported to local recycling facility or waste treatment facility.
EWC waste code	EWC waste code: 140603 other solvents and solvent mixtures Classified as hazardous waste: Yes
EWL packing	Classified as hazardous waste: No

SECTION 14: Transport information

Dangerous goods Yes

14.1. UN number

ADR / RID / ADN	1268
IMDG	1268
ICAO / IATA	1268

14.2. UN proper shipping name

Proper shipping name english	PETROLEUM DISTILLATES, N.O.S.
ADR / RID / ADN	PETROLEUM DISTILLATES, N.O.S.
ADR / RID / ADN	PETROLEUM DISTILLATES, N.O.S.
IMDG	PETROLEUM DISTILLATES, N.O.S.
ICAO / IATA	PETROLEUM DISTILLATES, N.O.S.

14.3. Transport hazard class(es)

ADR / RID / ADN	3
Classification code ADR / RID / ADN	F1
IMDG	3
ICAO / IATA	3

14.4. Packing group

ADR / RID / ADN	III
IMDG	III
ICAO / IATA	III

14.5. Environmental hazards

ADR / RID / ADN	No
IMDG	No

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Product name PETROLEUM DISTILLATES, N.O.S.

Additional information

ADR / RID / ADN hazard label	3
IMDG Hazard label	3
ICAO / IATA Hazard label	3

ADR / RID - Other information

Tunnel restriction code D/E

Transport category	3
Hazard No.	30
RID other applicable information	30

IMDG / ICAO / IATA Other information

EmS	F-E, S-E
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SECTION 15: Regulatory information

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

EEC-directive	2006/121/2006
References (laws/regulations)	The product is classified and labelled in accordance with EEC guidelines or national legislation.
Legislation and regulations	Regulation (EC) nr. 2015/830 Regulation (EC) nr. 1272/2008.

15.2. Chemical safety assessment

Chemical safety assessment performed	No
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SECTION 16: Other information

Supplier's notes	These data are based on our best knowledge to date, however they do not imply any guarantee on the properties or quality of the product.
List of relevant H-phrases (Section 2 and 3)	EUH 066 Repeated exposure may cause skin dryness or cracking. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H336 May cause drowsiness or dizziness.
Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	Flam. Liq. 3; H226 Asp. tox 1; H304 STOT SE3; H336 EUH 066
Version	5
Expired date	17.07.2020