



SAFETY DATA SHEET

White Spirit (R)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name White Spirit (R)
 Product No. WHSB205, WHSB.75, WHSB002, WHSB004, WHSB005, WHSB025, WHSBGEN

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

Identified uses For paint thinning, degreasing, maintenance of paint brushes etc.

1.3. Details of the supplier of the safety data sheet

Supplier:

SHL Manufacturing Limited
 Unit 1B Old Street
 Wimborne
 BH21 4DB

info@shluk.biz

1.4. Emergency telephone number 01258 858130

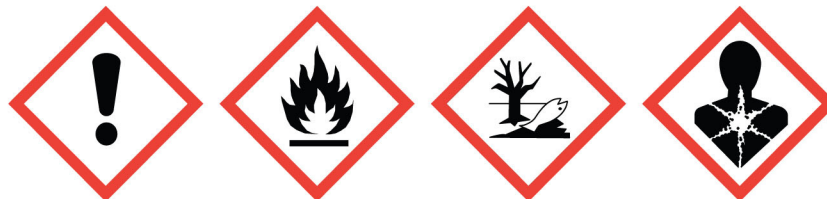
SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)	Physical and Chemical Hazards	Flam. Liq. 3 - H226
	Human health	EUH066;STOT Single 3 - H336; Asp. Tox. 1 - H304
	Environment	Aquatic Chronic 2 - H411
Classification (1999/45/EEC)	Xn;R65. N;R51/53. R10, R66, R67.	

2.2. Label elements

Contains: White Spirit : (naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene))
 Label In Accordance With (EC) No. 1272/2008



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.
H411	Toxic to aquatic life with long lasting effects.

White Spirit (R)

Precautionary Statements

P102+405	Store locked up. Keep out of reach of children.
P260e	Do not breathe vapours.
P262	Do not get in eyes, on skin, or on clothing.
P301+P331+P315	If SWALLOWED: Do NOT induce vomiting. Get immediate medical advice/attention.
P501B	Dispose of contents/container to hazardous waste collection point.

Supplementary Precautionary Statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
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Supplemental Label Information (EU)

EUH066	Repeated exposure may cause skin dryness or cracking.
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2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

White Spirit : (naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene)) >98%

CAS-No.: 64742-82-1

EC No.: 265-185-4

Classification (EC 1272/2008)

Flam. Liq. 3 - H226

EUH066

Asp. Tox. 1 - H304

Aquatic Chronic 2 - H411

Classification (67/548/EEC)

Xn;R65.

N;R51/53.

R10,R66.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General Information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. Keep away from heat, sparks and open flame.

Inhalation.

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

Skin Contact

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing. Launder clothing before re-use.

Eye Contact

Check for contact lenses which must be removed from the eyes before rinsing.

Promptly rinse eyes with plenty of clean water while lifting the eyelids.

Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.

Get immediate medical attention.

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

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

SECTION 5: FIREFIGHTING MEASURES

White Spirit (R)

5.1. Extinguishing media

Extinguishing Media

Extinguish with foam, carbon dioxide, dry powder, sand, dolomite or other inert material. Do not use high pressure water jet as this may spread burning material.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

Vapours may form explosive mixture with air at room temperature. Vapours are heavier than air and may spread near ground to sources of ignition.

Specific Hazards

Products of decomposition / combustion include: Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

Protective Measures In Fire

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing (see Section 8).

6.2. Environmental precautions

Do not allow spilled material to enter drains or water courses.

Cover all drains and sewers. Avoid spreading spilled material. Contain spillages with sand, earth or suitable absorbent material. Prevent further spillage if safe to do so.

In the event of contamination of watercourses or sewers advise the Environment Agency, fire brigade and police.

6.3. Methods and material for containment and cleaning up

Absorb in vermiculite, sand, diatomaceous earth or other absorbent inert material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Use only with adequate ventilation. Do not breathe vapour or mist.

Keep away from heat, sparks or flame. Containers and equipment must be bonded to avoid static discharge. Use only electrical equipment suitable for explosive atmospheres.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Store away from oxidising materials, acids and bases or damp conditions.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
White Spirit : (naphtha (petroleum), hydrodesulphurised heavy (<0.1% benzene))	WEL		1000 mg/m ³			

White Spirit (R)

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Engineering Measures

Provide adequate general and local exhaust ventilation.

Respiratory Equipment

If ventilation is insufficient suitable respiratory protection must be provided.

Seek recommendations and advice from equipment manufacturer or supplier.

Hand Protection

Wear suitable protective gloves conforming to EN 374. Seek recommendations from manufacturer or supplier. After using gloves the hands should be washed and dried thoroughly and a suitable moisturiser applied.

Eye Protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet.

Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear Colourless
Odour	Hydrocarbon
Solubility	Immiscible with water
Initial Boiling Point and Boiling Range:	150 - 200 °C. @ 760mm Hg.
Relative Density	0.785 @ 15°C.
Vapour Pressure	<10 mbar @ 37.8°C.
Viscosity	0.85 cSt 25°C.
Flash Point (°C)	38°C.
Auto Ignition Temperature (°C)	230°C.
Flammability Limit - Lower(%)	0.6
Flammability Limit - Upper(%)	8.0

9.2. Other information

Volatile Organic Compound (VOC)	100 % (EC/1999/13)
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SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal conditions of storage and use. See section 7.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid contact with acids and oxidising substances. Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

10.6. Hazardous decomposition products

In fires or in conditions of excessive heat may give off toxic fumes and gases. Products of decomposition include carbon monoxide (CO) and carbon dioxide (CO₂)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50 >5000 mg/kg (oral rat)

Toxic Dose 2 - LD 50 >4000 mg/kg (dermal-rbt)

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

Ingestion.

Harmful if swallowed accidentally. Can cause severe irritation of mucous membranes and the respiratory tract. Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Absorption can cause sleepiness, intoxication and pulmonary oedema.

Skin Contact

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

Eye Contact

May cause severe irritation to eyes.

Health Warnings

The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

This material should not be allowed into drains, sewers or other water courses.

12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l 10

Acute Toxicity - Fish LC50 96 hours 10 mg/l *Onchorhynchus mykiss* (Rainbow trout)

EC 50, 48 Hrs, Daphnia, mg/l 10

Acute Toxicity - Aquatic EC50 48 hours 10 mg/l *Daphnia magna*

Invertebrates

IC 50, 72 Hrs, Algae, mg/l 4.6 - 10

Acute Toxicity - Aquatic Plants EC50 72 hours 4.1 mg/l *Scenedesmus subspicatus*

12.2. Persistence and degradability

Degradability:

Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative Potential:

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

12.4. Mobility in soil

Mobility:

Moderately volatile liquid which will spread over a large area on contact with water. The product has limited mobility in soils but will slowly evaporate at the surface.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB Substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

White Spirit (R)

General Information

Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and sources of ignition. Labels should not be removed. Product is hazardous waste. Do not allow into drains, sewers or water courses. Disposal must be by means of a licensed waste contractor.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Do NOT Incinerate the container even when empty.

Waste Class

EWC 08 01 21: Waste Paint or Varnish Remover.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

UN No. (ADR/RID/ADN) 1300

UN No. (IMDG) 1300

UN No. (ICAO) 1300

14.2 UN Proper shipping name

Proper Shipping Name TURPENTINE SUBSTITUTE (White Spirit)

14.3 Transport hazard class(es)

ADR/RID/ADN Class 3

ADR/RID/ADN Class Class 3: Flammable liquids.

ADR Label No. 3

IMDG Class 3

ICAO Class/Division 3

Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group III

IMDG Packing group III

ICAO Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6. Special precautions for user

EMS F-E, S-E

Emergency Action Code 3Y

Hazard No. (ADR) 30

Tunnel Restriction Code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

Retail packs require a child resistant closure to BS EN ISO 28317 & a Tactile Warning Triangle.

Statutory Instruments

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).

Control of Substances Hazardous to Health Regulations (as amended). (COSHH)

Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

Approved Code Of Practice

Approved classification and labelling guide L131 (Sixth Edition - 2009)

The Control of Substances Hazardous to Health Regulations 2002 (as amended). Approved code of practice and guidance.

Fifth Edition 2005. HSE Books, or download at: <http://www.hse.gov.uk/pubns/priced/l15.pdf>

Guidance Notes

The storage of flammable liquids in containers HSG51 (HSE 1998).

Introduction to Local Exhaust Ventilation HS(G)37.

Workplace Exposure Limits EH40/2007

CHIP for everyone HSG(108).

EU Legislation

EC Regulation 1907/2006 (as amended) : 'REACH'.

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

EC Regulation 1272/2008: CLP (Classification, labelling and packaging of substances and mixtures).

ADR (L'Accord européen relative au transport international des marchandises dangereuses par route.)

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Comments

Change to classification of ingredients listed in section 3.

NB: Significant changes are indicated by lines in the left-hand margin.

Risk Phrases In Full

R10	Flammable.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
EUH066	Repeated exposure may cause skin dryness or cracking.
H411	Toxic to aquatic life with long lasting effects.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.