



## SAFETY DATA SHEET

WHITE SPIRIT

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Issued: 25/08/06

Revision No: 2

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** WHITE SPIRIT

**Use / description of product:** Petroleum solvent.

**Company name:** Unicorn Chemicals Ltd

Unicorn House

Mowbray Drive

Blackpool

Lancashire

FY3 7UN

Tel: 01253 396101

Fax: 01253 302895

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** WHITE SPIRIT >90%

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** Prolonged or repeated contact may defat the skin leading to dermatitis.

**Eye contact:** There may be irritation and redness.

**Ingestion:** Nausea and stomach pain may occur. There may be vomiting. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation. Convulsions may occur.

**Inhalation:** Inhalation of high levels of vapour may cause upper respiratory tract irritation. Drowsiness or mental confusion may occur. There may be loss of consciousness.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash skin thoroughly with water and remove contaminated clothing. Obtain medical attention if symptoms develop.

**Eye contact:** Flush eyes with clean water for at least 15 minutes whilst holding eyelids open. Seek medical advice if irritation persists.

**Ingestion:** Do not induce vomiting. Immediately rinse mouth and then drink plenty of water. Get prompt medical attention.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Remove to fresh air. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

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**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

**Exposure hazards:** Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using sufficient appropriate absorbent material.

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Use non-sparking tools.

**Storage conditions:** Store in cool, well ventilated area. Prevent the build up of electrostatic charge in the immediate area.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Workplace exposure limits**

**WEL (8 hr exposure limit):** 100ppm

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required.

**Hand protection:** Protective gloves.

**Eye protection:** Wear safety glasses or goggles if risk of splashing.

**Skin protection:** Protective overalls.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Colourless

**Odour:** Hydrocarbon.

**Solubility in water:** Insoluble

**Viscosity:** Non-viscous

**Boiling point/range°C:** 154

**Flammability limits %: lower:** 0.6

**upper:** 8.0

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**Flash point°C:** 38  
**Autoflammability°C:** 230  
**Relative density:** 0.776

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Sparks. Naked flames. Heat.  
**Materials to avoid:** Strong oxidising agents.

**11. TOXICOLOGICAL INFORMATION**

**Routes of exposure:** Exposure to high levels of vapour may cause drowsiness, dizziness, nausea, headaches, vomiting. Prolonged contact with skin may cause irritation leading to dermatitis in extreme cases. May cause eye irritation.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Floats on water.  
**Persistence and degradability:** Inherently biodegradable.  
**Bioaccumulative potential:** Bioaccumulation potential.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Contact Unicorn Chemicals Ltd to arrange disposal.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID**

<b>UN no:</b> 3295	<b>ADR Class:</b> 3
<b>Packing group:</b> III	<b>Classification code:</b> F1
<b>Shipping name:</b> HYDROCARBONS, LIQUID, N.O.S. (WHITE SPIRIT)	
<b>Labelling:</b> 3	<b>Hazard ID no:</b> 30

**IMDG / IMO**

<b>UN no:</b> 3295	<b>Class:</b> 3
<b>Packing group:</b> III	<b>EmS:</b> F-E,S-D
<b>Marine pollutant:</b> .	<b>Labelling:</b> 3

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**IATA / ICAO**

**UN no:** 3295 **Class:** 3  
**Packing group:** III **Packing instructions:** 309(P&CA); 310(CAO)  
**Labelling:** 3

**15. REGULATORY INFORMATION**

**Hazard symbols:** Harmful.  
Dangerous for the environment.



**Risk phrases:** R10: Flammable.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65: Harmful: may cause lung damage if swallowed.  
R66: Repeated exposure may cause skin dryness or cracking.  
R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S2: Keep out of the reach of children.  
S23: Do not breathe vapour/spray.  
S24/25: Avoid contact with skin and eyes.  
S62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. OTHER INFORMATION**

**Other information:** Always use in accordance with manufacturer's directions.  
Suggested Hazard Groups A and S for handling this product (Publication HSG193-HSE COSHH Essentials guidelines).  
This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.