

# MATERIAL SAFETY DATA SHEET

## WHITE SPIRIT

### 1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

**PRODUCT NAME**                      **WHITE SPIRIT**

**APPLICATIONS**                      **Solvent/Cleaner**

**SUPPLIER**                              **LEADING SOLVENT SUPPLIES LTD**  
**MARSTON BUSINESS PARK**  
**RUDGATE**  
**TOCKWITH**  
**YORK**  
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**YO26 7QF**

**TEL:**                                      **01423 358058**  
**FAX:**                                      **01423 358923**

**EMERGENCY PHONE No.**              **IN AN EMERGENCY DIAL 999**  
For specialist advice in an emergency (office hours)  
Telephone the company direct.

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	%w/w	Symbol	R Phrases
White Spirit	64742-82-1	60-100%	Xn	R65

### 3. HAZARDS IDENTIFICATION

Flammable. Harmful: May cause lung damage if swallowed. In the environment, it is likely to biodegrade slowly. On the basis of information supplied it is unlikely to be hazardous to man in normal use; it should however, be noted that it is classed as flammable.

### 4. FIRST AID MEASURES

**INHALATION**                              Remove to fresh air but do not walk. If not breathing, give mouth to mouth resuscitation. If breathing is difficult give oxygen. Call the physician.

**SKIN CONTACT**                              Remove contaminated clothing. Wash the affected area in flowing Water, or warm water & soap for at least 15 minutes. If irritation continues, take the affected person to hospital or call for an ambulance. Wash contaminated clothing before re-use.

**EYE CONTACT**                              Flush thoroughly with water or other suitable eye solution for at least 15 minutes. If irritation continues, take affected person to Hospital or call for an ambulance.

**INGESTION**                                      Swallowing of small quantities is unlikely to cause any reaction. Swallowing of large quantities can be serious. If this has occurred And the casualty is still conscious, instruct him./her to rinse out the mouth with water. DO NOT induce vomiting. Take the casualty to Hospital or call for an ambulance.

**NOTE TO THE PHYSICIAN**

Because rapid absorption may occur through the lungs if aspirated and cause systemic effects, the decision of whether to induce vomiting or not should be made by the attending physician.

**5. FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA**

Carbon Dioxide (CO<sup>2</sup>), dry chemicals, sand, dolomite etc., foam.

**SPECIAL FIRE FIGHTING PROCEDURES**

Fires in enclosed, or confined spaces, should be tackled by trained personnel, who should wear breathing apparatus

**HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon Monoxide (CO), Oxides of carbon.

**6. EMERGENCY MEASURE IN CASE OF SPILLAGE**

Main consideration is to avoid fire. Classified Flammable. CONTAIN SPILLAGE. DO NOT WASH SPILLAGE DOWN DRAIN. Absorb in vermiculite, dry sand or earth and place into containers. May cause slippery surfaces.

**7. HANDLING AND STORAGE**

**USAGE PRECAUTIONS** Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Where prolonged or repeated exposure is likely, protective clothing should be worn, including impervious gloves and eye protection. Ensure good ventilation.

**STORAGE PRECAUTIONS** Keep in cool, dry, ventilated storage and closed containers. Ground container and transfer equipment to eliminate static electric sparks. Protect from light including direct sun rays. Flammable/combustible. Keep away from oxidisers, heat & flames.

**STORAGE CRITERIA** Flammable liquid storage.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION INFORMATION**

Long Term OEL (8hrs)	600mg/m <sup>3</sup>
Short Term OEL (15mins)	
Ingredient Comments	OEL calculated by using the reciprocal calculation procedure (EH40/96)
Ventilation	LTEL has been established by using the reciprocal calculation procedure for mixed exposures for Hydrocarbon solvents in EH40.
Protective gloves	Use suitable protective gloves if risk of skin contact.
Eye Protection	Wear splash-proof eye goggles to prevent any possibility of eye Contact.
Other Protection	Provide eyewash, quick drench. It is good industrial hygiene practice to minimise skin/eye contact.
Hygienic Work Routines	Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated.

## 9. PHYSICAL DATA

Colour	Colourless
Appearance	Liquid
Odour/taste	Characteristic
Physical Data	Aromatics % vol. 17-20
Solubility	Insoluble in water
Specific gravity (water=1)	0.79 @ 15° C
Viscosity	0.95 x 10 <sup>(-6)</sup> m <sup>2</sup> /sec
Boiling point ° C	150-200
Flash point ° C	38
Flash Point Method	CC (Closed Cup)
Auto Ign. Temp ° C	230
Flammability Limit	Lower % No Data
Flammability Limit	Upper % No Data

## 10. STABILITY AND REACTIVITY

Stability	Avoid heat, sparks, flames.
Materials to avoid	Strong Oxidising agents
Conditions to avoid	Direct Sunlight
Hazardous decomposition Products	Carbon Monoxide (CO), Oxides of Carbon.

## 11. TOXICOLOGICAL INFORMATION.

Toxicity following single exposure to high levels of white spirit (oral, dermal inhalation), is of a very low order. Prolonged or repeated contact may cause drying of the skin and possibility dermatitis. Prolonged inhalation of mists may cause lung inflammation.

May cause skin disorders and allergies.

## 12. ECOLOGICAL INFORMATION

Acute Fish Toxicity	Slightly toxic to aquatic organisms, but in most systems is unlikely to persist for sufficient time to pose a significant hazard.
Environmental Hazards	Can be expected to biodegrade slowly.

### 13. DISPOSAL CONSIDERATIONS

Leading Solvent Supplies Limited, a licensed Waste Management Site. (EAWML/600470 ) and Registered Carrier of Waste (NYK/642366/CB). Wherever possible, the material will be recycled or disposed of as secondary support fuel. If not suitable, Leading Solvent Supplies will arrange disposal of the material in an environmentally acceptable manner, at an approved facility.

Whichever route is adopted, the properties of this material are such that it falls within the scope of the Environmental Protection Act 1990, part 2, (Special Waste Regs 1996) and consignments must be pre-notified to the receiving Environment Agency.

It is the producer's responsibility to indicate with a single marking, the nature of the drum contents.

The drums must be of sound condition for transport purposes.

### 14. TRANSPORT INFORMATION.

#### ROAD

UN No.	1300
Proper Shipping Name	Turpentine Substitute
Hazchem Code	3[YE]
ADR Class	3
ADR Item No.	3 1 ( c )
ADR Label No	3
Label for Conveyance	Flammable Liquid 3

#### AIR

UN No	1300
Air Transport Class No	3
Air Packing Group	3

#### SEA

UN No	1300
Sea Transport Class No.	3.3
Sea Pack Group	III
IMDG Page No.	3375
Marine Pollutant	Yes

### 15. REGULATORY INFORMATION

EEC (EINECS ) No.	265-185-4
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Label for Supply	Harmful	Dangerous to Environment
Risk Phrases	R-10	Flammable
	R-65	Harmful; may cause lung damage if swallowed.
	R-52/53	Harmful to aquatic organisms, may cause long term effects in the aquatic environment.
Safety Phrases	S-2	Keep out of reach of Children
	S-24/25	Avoid contact with skin and eyes
	S-62	If swallowed, do not induce vomiting. Seek medical advice immediately and show this container or label.
	S-61	Avoid release to the environment. Refer to special instructions/Safety Data Sheets.
	S-23	Do not breathe vapour or spray.
	S-43	In case of fire, use foam/dry powder/CO2. NEVER USE WATER.

<b>16. OTHER INFORMATION</b>
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No other information.

**DISCLAIMER**

Every effort has been made to ensure the accuracy of the above information, however, Leading Solvent Supplies Limited or any person acting on behalf of Leading Solvent Supplies Limited, cannot be held responsible for the use which might be made of the above information or any omission.

End Date 5<sup>th</sup> May 04