



SAFETY DATA SHEET (91/155/EC)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

\* Product name:  
SPIRIT WOOD DYE

\* Supplier:  
LIBERON  
Mountfield Ind Est  
New Romney  
Kent, TN28 8XU  
Tel: 0044 (0)1797 367555  
Fax: 0044 (0)1797 367575

\* Emergency phone number (to be used by the practising doctor):  
UK - National Poisons Information Service Phone: 44 / 191 22 5131

2. COMPOSITION/INFORMATION ON INGREDIENTS

Preparation name:  
SPIRIT WOOD DYE

Description of the preparation:

Component(s) contributing to the health hazard:

Name:	Conc Range (%)	CAS No	Symbol Letter	R-Phrases
Xylene	>25<50	1330-20-7	Xn	10,20/21-38
Naptha (Petroleum)	>25<50	64742-82-1	Xn, N	10,65,51/53
Hydrodesulphurised Heavy (<0.1% Benzene)				
Iso Propyl Alcohol	>10<25	67-63-0	Xi	11,36-67

3. HAZARDS IDENTIFICATION

Most important hazards:

Highly Flammable.

Specific hazards:

Harmful if swallowed, by inhalation and if swallowed.

Irritating to skin

May cause lung damage if swallowed.

4. FIRST AID MEASURES

General advice:

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

In case of accident or if you feel unwell, seek medical advice immediately

(show the label where possible).

Inhalation:

Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use proprietary skin cleaner. Do NOT use solvents or thinners.

Eye contact:

Wash with plenty of water (20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.

Ingestion:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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## 5. FIRE-FIGHTING MEASURES

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Suitable extinguishing media:

Water Spray, Dry Powder, Foam.

Extinguishing media which must NOT be used for safety reasons:

Do not use a solid water stream as it may scatter and spread fire.

Specific method(s):

Cool closed containers exposed to fire with water spray.

Do not allow run-off from fire fighting to enter drains or watercourses.

Specific fire hazard(s):

Fire will produce dense black smoke containing hazardous products of combustion.

Decomposition products may be a hazard to health.

Appropriate self-contained breathing apparatus may be required

Special protective equipment for fire-fighters:

Use a self-contained breathing apparatus and also a protective suit.

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## 6. ACCIDENTAL RELEASE MEASURES

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Personal precaution(s):

Exclude sources of ignition and ventilate the area.

Exclude all non-essential personnel.

Avoid breathing vapours

Refer to protective measures listed in Sections 7 and 8.

Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place in suitable container for disposal in accordance with the waste regulations.

Do not allow run-off from fire fighting to enter drains or water courses.

Dispose as hazardous waste.

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## 7. HANDLING AND STORAGE

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Handling

- Precaution(s):

This product should only be used in areas from which all naked lights and other sources of ignition have been excluded.  
 Avoid inhalation of vapour.  
 For personal protection see Section 8.  
 Never use pressure to empty: the container is not a pressure vessel.  
 Always keep in containers made of the same material as the supply container.  
 Good housekeeping standards and regular safe removal of waste materials will minimise risks of hazards.  
 The Manual Handling Operations Regulations may apply to the handling of containers of this product. Refer to the guide weight indicated on the container when carrying out assessments.

#### Storage

##### - Precaution(s):

The storage and use of this product is subject to the requirements of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations.  
 Up to 50 litres of such highly flammable liquids may be kept in a work room provided they are kept in a fireproof cupboard or bin. Larger quantities must be kept in a separate store room conforming to the structural requirements of the regulations.

Observe the label precautions.

Store between 5 and 25 °C in a dry, well-ventilated place away from sources of heat, ignition and direct sunlight.

No smoking,

Prevent unauthorised access.

Containers, which are opened, should be properly sealed and kept upright to prevent leakage.

Store separately from oxidising agents and strongly alkaline and acidic materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Engineering measure(s):

Ensure adequate ventilation, especially in confined areas.

Where practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant occupational exposure limits, suitable protective equipment should be worn

#### Exposure Limits

Substance	Occupational Exposure Limits		Notations	
	8hr TW	10min STEL		
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Xylene	100	441	150	662
Naptha (Petroleum)	100	575	125	720
Hydrodesulphurised Heavy				
Iso Propyl Alcohol	400	999	500	1250

1) Long term exposure limit - 8 hour time weighted average

2) Short term exposure limit - 10 minute reference period

3) Sk indicates a risk of absorption through the skin, SKN indicates a respiratory sensitiser

#### Respiratory Protection:

Air-fed respiratory protective equipment should be worn when this product is

sprayed if the exposure of the sprayer or other people nearby cannot be controlled to below the occupational limit and engineering controls and methods cannot reasonably be improved. Use Organic Vapour cartridge

- Hand protection:

When exposure may occur, advice should be sought from glove suppliers on appropriate types. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should be applied once exposure has occurred.

- Skin and body protection:

Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

- Eye protection:

Eye protection designed to protect against liquid splashes should be worn.

Hygiene measure(s):

Do not eat, drink, or smoke during work.

Keep away from food, drink and animal feed.

Keep workplace clean and tidy as much as possible.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical state / form: Liquid

Colour: Various

Odour: characteristic

pH: Not applicable.

Boiling point/range: Not known

Flash point: 12°C

Explosion limits: Not determined.

Relative density (water = 1): 0.8 approx

Bulk density: Not known

Viscosity: Not known

Water solubility: Partly miscible

Fat solubility: not known

Solvent solubility: soluble

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## 10. STABILITY AND REACTIVITY

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Stability:

Stable in use and storage conditions as recommended in item 7.

In a fire hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

Condition(s) to avoid:

Keep away from oxidising agents and strongly alkaline and acidic materials to prevent the possibility of exothermic reaction.

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## 11. TOXICOLOGICAL INFORMATION

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General information(s):

There is no data available on the product itself.

Periodical medical test is recommended to check for any effects from repeated exposure.

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## 12. ECOLOGICAL INFORMATION

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### General information(s):

There is no data available on the product itself.

The product should not be allowed to enter drains or water courses or to be deposited where it can affect ground or surface waters.

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## 13. DISPOSAL CONSIDERATIONS

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### Waste / unused products:

Collect all waste in suitable and labelled containers and dispose according to local legislation.

Can be recycled.

Do not dispose of waste into sewer.

### Contaminated packaging:

This container is specially dedicated to this product.

Container remains hazardous when empty. Continue to observe all precautions.

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

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## 14. TRANSPORT INFORMATION

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### General information(s):

Transport followed ADR, IMDG, IATA

UN No. 1263

Land (Road / Railway: ADR/RID)

- item and letter: 3.2
- packing group II
- Paint

Sea (IMDG)

- IMO class: 3.2
  - Packing group II
  - Paint
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## 15. REGULATORY INFORMATION

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### Labelling:

According to European directives on classification, packaging and labelling of dangerous substances

EC number:

Symbol(s): Highly Flammable, Harmful

R-phrases(s):

R 11

Highly Flammable.

R 20/21

Harmful by inhalation and in contact with skin

R 38

Irritating to skin

R 65

Harmful: may cause lung damage if swallowed.

R 66

Repeated exposure may cause skin dryness or cracking

S-phrases(s):

S 2

Keep out of the reach of children.

S 16

Keep away from sources of ignition / No smoking

S 29

Do not empty into drains.

S 33

Take precautionary measures against static charges.

S 36/37

Wear suitable protective clothing and gloves.

S 51

Use only in well-ventilated areas.

S 62

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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## 16. OTHER INFORMATION

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According legislation(s):

This safety data sheet is in compliance with EC directives and adaptations  
no.: 91 / 155

Important remarks:

Information in this safety data sheet is based on actual knowledge in our possession and our experience.

It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.

No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.

Restrictions:

This information relates to the specific material designated and may not be valid in combination with other product(s).

History

- First edition date: 12/07/2000
- Revised edition: 15/05/2002
- Version: 3

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