



## OAK INDUSTRIAL SUPPLIES

“THE INDUSTRIAL SUPPLIES PEOPLE”

# HEALTH & SAFETY DATA SHEET

1 of 5

## WHITE SPIRIT

**CHEMICAL NAME AND SYNONYMS:** Hydrocarbon Solvent

**MANUFACTURER:** Oak Industrial Supplies, Hamilton Road,  
Sutton-in-Ashfield, Notts. NG17 5LN

**TELEPHONE NO:** 01623 442200

**FAX NO:** 01623 441234

**EMERGENCY TELEPHONE NO:** 01714 055375 (24 Hours)

INGREDIENT NAME:	CAS NO:	CONTENTS:	HEALTH: (Class)	RISK: (R No.)
Petroleum distillate Primarily paraffinic Hydrocarbons	64742-82-1	60-100%	Xn	65

Eu Index: No: 649-330-00-2  
Formula: N/A  
CAS No: 64742-82-1

**Composition Comments:** Benzene (CAS No. 71-43-2) will normally be present in Trace amounts, but will always be less than the 0.1% w/w market level in the 21<sup>st</sup> ATP to the Dangerous Substance Directive. This White Spirit is not classified as a carcinogen under 67/548/EEC and The Chip regulations 1996.

**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 classified as flammable.

### FIRST AID MEASURES:

General: Do not give victim anything to drink if he/she is unconscious

Inhalation: If inhalation of fumes irritates the nose or throat or causes coughing remove to fresh air. Get medical advice if irritation continues.

- Ingestion:** NEVER MAKE AN UNCONCIOUS PERSON VOMIT OR DRINK FLUIDS!  
Get Medical Attention. Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do not induce vomiting because of the danger of aspiration. Ingestion of large quantities may cause nausea and diarrhoea.
- Skin:** Promptly wash contaminated skin with soap or mild Detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention promptly if symptoms occur after washing.
- Eyes:** Promptly wash eyes with plenty of water while lifting the eyelids. Get medical attention if any discomfort continues. Continue to rinse for at least 15 minutes.

**FIRE FIGHTING MEASURES:**

Extinguishing Media: Carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc. Foam.

Special Fire Fighting Procedures:

Fires in closed or confined spaces should be tackled by trained personnel who should wear breathing apparatus.

Hazardous Decomposition Products:

Carbon monoxide (CO). Oxides of: Carbon.

**ACCIDENTAL RELEASE MEASURES/SPILLS AND LEAKS:**

Spill Clean up Method:

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

**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 sunrays. Flammable/combustible – Keep away from oxidisers, heat and flames.

Storage Criteria:

Flammable liquid storage.

**EXPOSURE CONTROLS / PERSONAL PROTECTION:**

<b>INGREDIENT NAME:</b>	<b>CAS NO:</b>	<b>STD:</b>	<b>LT EXP:</b> (8 Hrs)	<b>ST EXP:</b> (15 min)
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Petroleum distillate	64742-82-1	OEL	600.00 mg/m <sup>3</sup>	
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**HAMILTON ROAD SUTTON IN ASHFIELD NOTTINGHAMSHIRE NG17 5LN UK**

TELEPHONE: 044(0)1623 442222 FAX: 044(0)1623 441234

Web site: [www.oakis.co.uk](http://www.oakis.co.uk) e-mail: [sales@oakis.co.uk](mailto:sales@oakis.co.uk)

Primarily paraffinic  
Hydrocarbons

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 to Hydrocarbons 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 eye/skin contact.

Hygienic Work Routines:

Wash at the end of each working shift and before eating, smoking and using the toilet.  
Wash promptly if skin becomes wet or contaminated.

**PHYSICAL AND CHEMICAL PROPERTIES:**

Appearance:	Liquid
Odour/Taste:	Characteristic
Physical Data Comments:	Aromatics % Vol. 17-20
Solubility Description:	Insoluble in water
Specific Gravity (water=1):	0.79 at 15°C
Viscosity:	0.95 x 10 <sup>-6</sup> m <sup>2</sup> /Sec
Flash Point Method:	CC (Closed cup)
Auto Ignition Temperature (°C):	230
Flammability Limit (upper %):	N/D
Colour:	Colourless
Boiling Point:	150-200
Flash Point (°C):	33
Flammability Limit (Lower %):	N/D

**STABILITY AND REACTIVITY:**

Stability:	Avoid heat, sparks and flames.	
Conditions to Avoid:	Avoid direct sunlight.	
Materials to Avoid:	Strong oxidising agents.	
Hazardous Decomposition Products:	Carbon monoxide (CO).	Oxides of: Carbon

**TOXICOLOGICAL INFORMATION:**

Toxicity following a single exposure to high levels of White Spirit (Oral, dermal, inhalation) is of a very low order. Prolonged inhalation of mists may cause lung inflammation.

Medical Considerations: Skin disorders and allergies.

### ECOLOGICAL INFORMATION:

Environmental Hazards: Can be expected to biodegrade slowly.

Acute Fish Toxicity: Slightly toxic to aquatic organisms, but in most systems unlikely to perish for sufficient time to pose a significant hazard.

### DISPOSAL CONSIDERATIONS:

Disposal Methods: Incinerate in suitable combustion chamber. Confirm disposal procedures with environmental engineer and Local regulations.

### TRANSPORT INFORMATION:

Label for Conveyance: Red Flammable Liquid 3 Triangle.

Road:

UN No: 1300                      ADR Class No: 3

ADR Item No: 31 ( c )              ADR Class No: 3

Hazchem Code: 3 ( y )

Proper Ship Name: Turpentine Substitute

Rail:

Sea:

Sea transport Class No: 3.3                      IMDG Page No: 3375

Sea pack GR: III

Marine Pollutant: DEAD FISH SYMBOL

Air:

Air Transport Class No: 3

### REGULATORY INFORMATION:

EEC (EINECS) No: 265-185-4

Labels for Supply: HARMFUL

DANGEROUS FOR THE ENVIRONMENT

Risk Phrases: R-10 Flammable

R-65 Harmful: May cause lung damage if swallowed

R-51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety Phrases: S-2 Keep out of the reach of children.

S-24/25 Avoid contact with skin and eyes.

S-62 Avoid release to the environment. Refer to special instructions Safety Data Sheets.

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

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## Guidance Notes:

Environmental classification is recommended by the SIA with reference to the CEFIC Hydrocarbon Solvents sector Group proposals based on the 'Aqueous Environmental Classification of Complex Petroleum Solvent Streams under the EC Substances Directive (67/548/EECO)

**OTHER HEALTH AND SAFETY INFORMATION:**

User Notes: For further Health & Safety information contact: Health & Safety Officer. This M.S.D.S has been issued in accordance with the chemicals (Hazard Information and Packaging for Supply) Amendment Regulations 1996. The HSE is permitting the use of R65. In place of R22 for hydrocarbon solvents classified harmful due to their Aspiration Hazard" ahead of the UK's formal Implementation of the 22<sup>nd</sup> ATP of the EU DSD"

Revision Comments:	Amendment to section/s (8), (15)
Revision Date:	10/09/99
Revision No: /Replaces SDKs Issued:	2-8/07/96
SDS No:	0020

If this product is re-distributed and re-formulated for sale, details of its hazards and recommended methods for safe handling must be passed to customers. Customers are urged to ensure that the product is entirely suitable for their own purpose. It is the customer's responsibility to ensure that a suitable and sufficient assessment of the risks created by a work activity using this product is undertaken before this product is used.

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health and Safety Legislation (e.g. the Health and Safety at Work Act, 1974, the control of Substances Hazardous to Health Regulations, 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.