



**5. FIRE FIGHTING MEASURES**

The liquid product is 'non-flammable'.

Suitable extinguishing media: Alcohol resistant foam, carbon dioxide powder or water spray/mist.

Recommendations: As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products on combustion (see section 10). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow run off from fire fighting to enter drains or water courses.

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**6. ACCIDENTAL RELEASE MEASURES**

Exclude non-essential personnel. Avoid breathing vapour. 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 a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow to enter drains or water courses. If the product enters drains or sewers, the local water company should be contacted immediately. In the case of contamination of streams, rivers or lakes the relevant Environment Agency.

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**7. HANDLING AND STORAGE****Handling / Usage Precautions:**

Handling: Avoid contact with skin and eyes. Avoid inhalation of vapour. Smoking, eating or drinking should be prohibited in areas of storage and use. For personal protection see Section 8. Keep containers closed whilst not in use. Never use pressure to empty, the container is not a pressure vessel. Ensure good housekeeping and regular safe removal of waste materials.

The Manual Handling Regulations may apply to the handling of containers/packages of this product. In order to calculate the weight of any pack size, multiply the volume in litres by the specific gravity value given in Section 9. This will give the net weight of the product in kilograms. Allowance will then have to be given to the immediate packaging to give the approximate gross weight.

Storage: Observe label precautions. Store between +5° and +25°C in a dry well-ventilated place away from sources of heat. Protect from frost. Keep out of reach of children. Store separately from oxidising agents and strongly alkaline and strongly acidic materials.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls: Provide adequate ventilation during application and drying. Where practicable this should be achieved by the use of local exhaust ventilation. If this is not sufficient to maintain concentration of solvent vapours below the relevant Occupational Exposure Limit, suitable respiratory protection must be worn (see Occupational Exposure Controls below).

Exposure limits:

Substance	Occupational Exposure Limits				Notations
	8 hr LTEL (1)		15 min STEL (2)		
	ppm	mgm <sup>-3</sup>	ppm	mgm <sup>-3</sup>	
Di iso butyl phthalate	-	5 (S)	-	-	-

(1) Long term exposure limit - 8 hour weighted time.

(2) Short term exposure limit - 15 mins weighted time.

(S) Occupational Exposure Standard (OES)

(M) Maximum Exposure Limit (MEL)

(R) Recommended by suppliers.

(A) Allocated limits by analogy with similar materials.

(SK) Risk of absorption through unbroken skin.

(Sen) Capable of causing sensitisation by inhalation.

OEL's are taken from the current version of EH40, except those marked (R) or (A), which are assigned by the supplier of the substance.

Occupational Exposure Controls: All Personal Protective Equipment (ppe), including Respiratory Protective Equipment (rpe), used to control exposure to hazardous substances must be selected to meet the requirements of COSHH regulations.

Respiratory Protection: If exposure to hazardous substances identified in section 8 cannot be controlled by the provision of natural ventilation e.g. work in enclosed areas, exposure should be controlled where reasonably practicable, by the use of mechanical exhaust ventilation; when this is not reasonably practicable, suitable respiratory protective equipment must be worn.

Hand Protection: When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin but are not suitable for full physical protection. They should not be applied once exposure had occurred.

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

Skin Protection: Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should always be removed and the skin washed with soap and water or a recognised skin cleaner. Always wash your hands before eating, smoking or using the toilet.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state:	Viscous paste
Colours:	White, Grey
Odour:	N/A
Viscosity:	N/A
Specific gravity:	1.64 to 1.66 at 20°C
Flash point:	>100°C
Solubility in Water:	Miscible
pH:	7.0 to 9.0

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**10. STABILITY AND REACTIVITY**

Stability: Stable under recommended storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon dioxide, carbon monoxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

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**11. TOXICOLOGICAL INFORMATION**

No specific data available on product. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and chronic effects of components from short term and long term exposure by oral, inhalation and dermal routes of exposure and eye contact. See sections 3 and 15 for details of the resulting hazard classification.

Splashes in the eye may cause irritation and reversible local damage. Repeated or prolonged contact may lead to the removal of natural fats from the skin resulting in non-allergic dermatitis.

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**12. ECOLOGICAL INFORMATION**

Environmental effect: There is no data available on preparation itself. Do not allow to enter watercourses or drains or be deposited where it can affect ground or surface water.

The Air Pollution Control requirements or regulations made under the Environmental Protection Act may apply to the use of the product.

This product has been assessed under the conventional method in CHIP and is not classified as dangerous for the environment.

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### 13. DISPOSAL CONSIDERATIONS

Do not allow product to enter watercourses or drains. Waste, including emptied containers, is controlled waste and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet, advice should be obtained from the relevant Environment Agency whether Special Waste Regulations apply.

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### 14. TRANSPORT INFORMATION

Transport within the users premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accident or spillage.

Onwards transport subsequent to purchase: Transport to be in accordance with ADR for road, IMDG for sea and ICAO/IATA for air.

Proper shipping name:	The product is not classified as dangerous for carriage.
UN Number:	
Hazard class:	
Packaging group:	
Sub-hazard class:	

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### 15. REGULATORY INFORMATION

The product is determined as not being dangerous according to the requirements of the CHIP Regulations, however, the following safety precautions should be observed:

#### SAFETY PHRASES:

S2	Keep out of the reach of children.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner. DO NOT USE SOLVENTS OR THINNERS
S51	Ensure good ventilation during application and while drying.

The information contained in this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

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## 16. FURTHER INFORMATION

Symbols and text of the R phrases are in section 2:

### REFERENCE DOCUMENTS:

Statutory:

Chemical (Hazard Information and Packaging for Supply) (Amendment) Regulations 2002  
Air Navigation (Dangerous Substances) Regulations  
Carriage of Dangerous Goods by Road and Rails (Classification, Packaging, Labelling) Regulations 1996  
Carriage of Dangerous Goods by Road Regulations 1996 as amended  
Consumer Protection Act 1987  
Control of Pollution (Amendment) Act 1989  
Control of Substances Hazardous to Health Regulations 1999  
Environmental Protection Act 1995  
Environmental Protection (Duty of Care) Regulations 1992  
Environmental Protection Act 1990  
Factories Act 1961  
Health and Safety at Work Act 1974  
International Rail/Road Transport - RID and ADR (current editions)  
Management of Health and Safety at Work Regulations 1999  
Manual Handling Regulations 1992  
Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997  
Personal Protective Equipment at Work Regulations 1992  
Protection of Eyes Regulations 1974  
Provision and use of Personal Protective Equipment Regulations 1992  
Special Waste Regulations 1996 as amended  
Waste Management Regulations 1996

This safety data sheet should be used in conjunction with technical data sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith.

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended.

This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to fulfil his obligations regarding the use of hazardous products.

This information is not exhaustive.

This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his/her responsibility.

For further information:

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