

**SAFETY DATA SHEET
FIRESTOPPER[®]****1 IDENTIFICATION OF THE SUBSTANCE /PREPARATION AND THE COMPANY**

PRODUCT NAME: FIRESTOPPER[®]
PART NO: AB40002
SUPPLIER: FIRE EQUIPMENT CONSULTANTS LIMITED
HOLBROOK HOUSE, HORSHAM ROAD, SHALFORD,
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EMERGENCY TELEPHONES: N/A

2 COMPOSITION/INFORMATION ON INGREDIENTS**COMPOSITION COMMENTS:**

Name	Concentration	CAS Number	Risk Phrases
Non-Toxic proprietary Aqueous solution of organic and in-organic Compounds.	100%		S-2 S-24 S-46

3 HAZARDS IDENTIFICATION

CRITICAL HAZARDS: Nil

4 FIRST AID MEASURES

INHALATION: Remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, get immediate medical attention.

INGESTION: Drink plenty of water. Seek medical attention if discomfort occurs.

SKIN: Wash promptly with soap and water. Remove contaminated clothing.

EYES: Flush with generous amounts of water, if irritation occurs, seek medical attention.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: This material is not flammable.

COMBUSTION PRODUCTS: Nil

FIRE-FIGHTING PROCEDURES: Not Applicable

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS: Substance can create slippery surface

Absorb with vermiculite, sand or earth and place into containers for safe disposal

7 HANDLING AND STORAGE:

USAGE PRECAUTIONS:

STORAGE PRECAUTIONS: Store in original container. Note incompatibility with other substances

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

EYE PROTECTION: Avoid mist or vapour

HAND PROTECTION: Nil.

SKIN PROTECTION: Nil.

RESPIRATORY PROTECTION: Avoid inhalation of mist or spray.

INGESTION: Do not eat, smoke or drink when using this product. Wash hands before eating, using toilet and at the end of working day.

VENTILATION: Only use with adequate ventilation.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOUR: Colourless liquid, faint odour.

PH LEVEL: 7.0-7.8 at 25°C

BOILING POINT: 100°C

MELTING POINT: Not Applicable

FLASH POINT: None

AUTO FLAMMABILITY: None in boiling

VAPOUR PRESSURE: Not determined

WATER SOLUBILITY: 100%

VISCOSITY: At 25°C 13.0 cps ± 2%

REFRACTIVE INDEX: At 25°C 1.3880 ± 5%

SPECIFIC GRAVITY: At 25°C 1.121 – 1.140

VAPOUR DENSITY: Not determined

VOLATILE ORGANIC COMPOUNDS: Nil

EVAPORATION RATE: Not determined

PERCENT VOLATILE: Nil

DENSITY: 9.34 lbs per US Gallon

10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Reactive metals Aluminium.
Do not mix with chlorine bleach or other products containing sodium hypochlorite/strong oxidisers

DECOMPOSITION PRODUCTS: None

11 TOXICOLOGICAL INFORMATION

HEALTH HAZARDS, GENERAL:	This product is non-toxic.
EFFECTS FROM INHALATION:	None stated.
EFFECTS FROM INGESTION:	Non-toxic as defined in 16CFR 1500.3(c)(2) (i).
EFFECTS FROM SKIN CONTACT:	Not an irritant as defined in 16CFR 1500.41 and 1500.3(c)(4).
EFFECTS FROM EYE CONTACT:	Not an irritant as defined in 16CFR 1500.42 (b) and 1500.3 (c)(4)
OTHER EFFECTS:	Nil

12 ECOLOGICAL INFORMATION

ACUTE TOXICITY DATA:	Oral LD ₅₀ >5000mg/kg Dermal Primary irritation index 1.13 Ecological (Pimephales Promelas) LC ₅₀ >750/mg/l This substance is non-toxic i.a.w. OECD Guideline 203 Not toxic to aquatic organisms No evidence of bioaccumulation or tainting of seafood This substance is biodegradable i.a.w. OECD Guideline 301 A-E
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13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:	Dispose of in accordance with Local Authority requirements. Discharge spent solutions to waste water treatment system.
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14 TRANSPORT INFORMATION

UN No:	Not Applicable
UK ROAD/SEA FRIEGHT (IMO) CLASSIFICATION:	
SUBSTANCE IDENTIFICATION NUMBER:	Not Applicable
CLASS:	Not Applicable
PACKING GROUP:	Not Applicable
PROPER SHIPPING NAME:	Not Applicable
CDG-ROAD (if applicable):	Not Applicable
ADR/RID CLASSIFICATION:	
CLASS:	Not Applicable
ITEM NUMBER:	Not Applicable
ICAO/IATA CLASSIFICATION:	
CLASS:	Not Applicable
SUB RISK:	Not Applicable
PACKING GROUP:	Not Applicable
PROPER SHIPPING NAME:	Not Applicable

15 REGULATORY INFORMATION

SYMBOLS(S):	None
RISK PHRASES:	Not classified
SAFETY PHRASES:	S-2 Keep out of reach of children S24 Avoid contact with skin. After contact with skin, wash promptly with plenty of water. S-46 Drink plenty of water. Get medical attention if discomfort continues.
UK REGULATORY REFERENCES:	Health & Safety at Work Act 1974
UK ENVIRONMENTAL LISTINGS:	Rivers (Prevention of Pollution) Act 1961 Control of Pollution (Special Waste Regulations) Act 1980

- EC DIRECTIVES:** Substances Directive 67/548/EEC,
General Preparations Directive 88/379/EEC
- STATUTORY INSTRUMENTS:** Chemicals (Hazard Information and Packaging for Supply) Regulations.
Control of Substances Hazardous to Health Regulations 1999
- APPROVED CODE OF PRACTICE:**
Classification and Labelling of Substances and Preparations Dangerous for Supply.
Product toxicological review 16 CFR 1500 (USA)
- GUIDANCE NOTES:** Occupational Exposure Limits EH40 latest issue.
CHIP for everyone HSG(108)

16 OTHER INFORMATION

- USER NOTES:** To be used as a water additive for fire extinguishing. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief accurate and reliable as of the date indicated
- INFORMATION SOURCES:** Clayton, G.D. and F.E.: Patty's Industrial Hygiene and Toxicology Volumes I-III (1991).
H&S Executive: Occupational Exposure Limits (EH40/latest issue).
- REVISION DATE:** 16th April 2002