

Safety Data Sheet

MB-1

EX 3900 3.00 GB Current 18.12.1998



1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	MB-1
Manufacturer/Supplier	Fernox
Address	Tandem House, Marlowe Way Beddington Farm Road Croydon CR0 4XS
Telephone Number	020 8 665 6666
Fax Number	020 8 665 4695

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Preparation for EC Component Name	EC Codes	Concentration	R Phrases
1. Propane-1,2-diol	57-55-6	1.00 - 5.00	

3. HAZARD IDENTIFICATION

Main Hazards	Not classified as hazardous.
Health Effects - Eyes	Liquid may cause slight transient irritation.
Health Effects - Skin	Material may cause slight irritation on prolonged or repeated contact.
Health Effects - Ingestion	Swallowing may have the following effects:- irritation of mouth, throat and digestive tract.
Health Effects - Inhalation	Exposure to vapour may have the following effects:- irritation of nose, throat and respiratory tract.

4. FIRST AID MEASURES

First Aid - Eyes	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash skin with soap and water. Obtain medical attention if redness persists.
First Aid - Ingestion	Wash out mouth with water. Have victim drink 1-3 glasses of water to dilute stomach contents. Do not induce vomiting. Obtain medical attention.
First Aid - Inhalation	Remove from exposure. Keep warm and at rest.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Not combustible. Select extinguishing agent appropriate to other materials involved.
Special Hazards of Product	This product may give rise to hazardous fumes in a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective clothing.
Environmental Precautions	Not applicable.

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6. ACCIDENTAL RELEASE MEASURES (continued)

Spillages	Drench spillage with water and wash to drain, diluting greatly with water.
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7. HANDLING AND STORAGE

Handling	No special precautions necessary.
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Storage	Storage area should be: cool. dry. well ventilated. Store in original containers.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards 1. Propane-1,2-diol	UK EH40: OES 150ppm 8h TWA. (vapour)
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Engineering Control Measures	Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
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Hand Protection	PVC or rubber gloves.
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Body Protection	Normal work wear.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
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Colour	Pale. Yellow.
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Odour	Characteristic.
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pH	8
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Boiling Range/Point (°C)	100
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Melting Point (°C)	Not applicable.
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Flash Point (PMCC) (°C)	None.
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Solubility in Water (kg/m3)	Completely soluble.
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Vapour Pressure (kPa)	Negligible vapour pressure at ambient conditions.
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Density (g/ml)	1.07 at 20 °C.
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Auto-flammability (deg C)	Not auto-flammable.
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Viscosity (cSt)	10 at 20 °C.
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Vapour Density (Air = 1)	Heavier than air.
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10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
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Conditions to Avoid	None.
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Materials to Avoid	None.
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Hazardous Decomposition Products	None known.
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11. TOXICOLOGICAL INFORMATION

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11. TOXICOLOGICAL INFORMATION (continued)

Acute Toxicity	Low order of acute toxicity.
Irritancy - Eyes	Data for a closely related material suggests that this product will produce minimal conjunctival irritation.
Irritancy - Skin	Data for a closely related material suggests that this product will produce minimal signs of irritation (mean scores for erythema or oedema less than 2).
Chronic Toxicity/Carcinogenicity	None known.
Genotoxicity	No data.

12. ECOLOGICAL INFORMATION

Mobility	The product will dissolve rapidly in water.
Persistence/Degradability	The product is readily biodegradable.
Bio-accumulation	None known.
Ecotoxicity	The product is rated as non-hazardous to aquatic species.

13. DISPOSAL

Product Disposal	Landfill.
Container Disposal	Labels should not be removed from containers until they have been cleaned. Contaminated containers must not be re-used.

14. TRANSPORT INFORMATION

UN Class	Not classified.
ADR/RID - Class	Not classified.
IMDG - Class	Not classified.
IMDG - Marine Pollutant	No.
IATA - Class	Not classified.

15. REGULATORY INFORMATION

Labelling Information	<input type="checkbox"/> Not classified (Health)	<input type="checkbox"/> Not classified (Safety)	<input type="checkbox"/> Not classified (Environment)
R phrases	None.		
S phrases	S37 Wear suitable gloves.		
ELINCS Listing	No.		
EC Annex I Classification	Not listed.		

16. OTHER INFORMATION

The information contained herein is based on data considered accurate and is offered at no charge. The above data is typical of the product in general but batches may show variations. No warranty is expressed or implied regarding the accuracy of this data.

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16. OTHER INFORMATION (continued)

Liability is expressly disclaimed for loss or injury arising out of use of this information or the use of any materials designated.
In countries other than the UK, there may be different Exposure Limits, please check with your National Authorities.

MSDS first issued 5 April 1995

MSDS data revised 18 December 1998
