



# SAFETY DATA SHEET

## PHENOXYETHANOL

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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

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**PRODUCT NAME:** PHENOXYETHANOL  
**CHEMICAL NAME 2:** 2-PHENOXYETHANOL  
**PART No.:** RM195  
**SYNONYMS, TRADE NAMES:** Phenoxetol  
**SUPPLIER:** J M Loveridge plc  
Southbrook Road, Southampton  
Hampshire  
SO15 1BH  
Tel: 023 8022 2008  
Fax: 023 8022 2117

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

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**EU INDEX No.:** - - -  
**EEC (EINECS) No.** 204-589-7  
**CAS No.:** 122-99-6

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### 3. HAZARDS IDENTIFICATION:

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Harmful if swallowed. Irritating to eyes.

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### 4. FIRST AID MEASURES:

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**GENERAL:** IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

**INHALATION:** Move affected person to fresh air. If recovery not rapid, seek medical attention.

**INGESTION:** DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Keep patient at rest and obtain medical attention.

**SKIN:** Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention. Launder clothing before re-use.

**EYES:** Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

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## 5. FIRE FIGHTING MEASURES:

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<b>EXTINGUISHING MEDIA:</b>	Water spray, fog or mist, carbon dioxide (CO <sub>2</sub> ), alcohol resistant foam, dry chemicals, sand, dolomite etc.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Noxious or toxic vapours may be released in fire situation.
<b>PROTECTIVE MEASURES IN FIRE:</b>	Fire fighters should wear self-contained breathing apparatus.

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## 6. ACCIDENTAL RELEASE MEASURES:

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<b>PERSONAL PRECAUTION IN SPILL:</b>	Avoid direct contact with skin, eyes and clothing. Wear appropriate protective clothing.
<b>PRECAUTIONS TO PROTECT ENVIRONMENT:</b>	Prevent contamination of soil, drains and surface water.
<b>SPILL CLEANUP METHODS:</b>	Take-up spillage with absorbent, inert material and place in a suitable and closable labelled container for recovery or disposal. Wash the area clean with water and detergent, observing environmental requirements.

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## 7. HANDLING AND STORAGE:

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<b>STORAGE PRECAUTIONS:</b>	Store in a cool, dry, well ventilated place, in securely closed original container.
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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

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<b>VENTILATION:</b>	Provide sufficient ventilation during operations which cause vapour formation.
<b>RESPIRATORS:</b>	Respiratory protection required in insufficiently ventilated working areas. For short periods of work, a suitable RPE fitted with a combination charcoal or organic vapour cartridge is recommended.
<b>PROTECTIVE GLOVES:</b>	Use protective gloves.
<b>EYE PROTECTION:</b>	Approved chemical safety goggles or face protection.
<b>OTHER PROTECTION:</b>	Wear suitable personal protective equipment appropriate to the task.
<b>HYGIENIC WORK PRACTICES:</b>	SKIN PROTECTION - apply barrier cream to hands and exposed skin.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

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<b>APPEARANCE:</b>	Colourless liquid.	
<b>ODOUR/TASTE:</b>	Faint aromatic odour.	
<b>BOILING POINT (°C, interval):</b>	245	<b>Pressure:</b>
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	~ 1.11	<b>Temperature (°C):</b>

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<b>SOLUBILITY DESCRIPTION:</b>	Slightly soluble in water. Soluble in: Acetone. Ethanol.		
<b>SOLUBILITY VALUE (g/100g H<sub>2</sub>O 20°C):</b>	~ 2%		
<b>FLASH POINT (°C):</b>	121	<b>Method:</b>	OC (Open cup).

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## 10. STABILITY AND REACTIVITY:

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<b>STABILITY:</b>	Stable under normal conditions of use.		
<b>CONDITIONS TO AVOID:</b>	Avoid excessive heat.		
<b>MATERIALS TO AVOID:</b>	Oxidising agents.		
<b>HAZARDOUS DECOMP. PRODUCTS:</b>	Thermal decomposition or burning may release oxides of carbon and other hazardous gases or vapours.		

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## 11. TOXICOLOGICAL INFORMATION:

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	LD50. Oral. Rat. 1260 mg/kg		
<b>INHALATION:</b>	May cause transient irritation to the respiratory system.		
<b>INGESTION:</b>	Harmful by ingestion.		
<b>SKIN:</b>	Reported as mild skin irritant in rabbits. 10% solution not irritating to rabbit skin.		
<b>EYES:</b>	Irritating to eyes.		
<b>MEDICAL SYMPTOMS:</b>	Produces local anaesthetic effect on lips, tongue and other mucous membranes.		
<b>MEDICAL CONSIDERATIONS:</b>	Used as topical antiseptic and in eye lotion at concentration of 2%.		

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## 12. ECOLOGICAL INFORMATION:

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<b>LC 50, 96 HRS, FISH mg/l:</b>	100 - 500 mg/l (Golden Orfe)		
<b>ECOLOGICAL INFORMATION:</b>	Avoid release to the environment.		
<b>DEGRADABILITY:</b>	Potentially biodegradable.		

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## 13. DISPOSAL CONSIDERATIONS:

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<b>DISPOSAL METHODS:</b>	This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations.		
<b>WASTE CLASS:</b>	WASTE CODE: 0705** HAZARDOUS PROPERTY: H5		

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## 14. TRANSPORT INFORMATION:

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**GENERAL:** Not classified as hazardous for transport.

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## 15. REGULATORY INFORMATION:

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### LABEL FOR SUPPLY:



**RISK PHRASES:** R-22 Harmful if swallowed.  
R-36 Irritating to eyes.

**SAFETY PHRASES:** S-24/25 Avoid contact with skin and eyes.  
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S-46 If swallowed seek medical advice immediately and show this container label.

**UK REGULATORY REFERENCES:** Classification, Packaging and Labelling Regulations 1984. Chemicals (Hazard Information & Packaging) Regulations 1993.

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## 16. OTHER INFORMATION:

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**INFORMATION SOURCES:** This product has been classified in accordance with CHIP3 regulations.

**REVISION COMMENTS:** Edition 01; Revised item(s):

**ISSUED BY:** MK

**SDS No.:** 345

**DATE:** 12/07/02

**DISCLAIMER:** The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this Data Sheet is to the best of JMLs knowledge correct at the time of publication. Customers should always satisfy themselves, that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulations. For any further information, please contact the supplier.

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