



SAFETY DATA SHEET

CHLOROCRESOL

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

PRODUCT NAME:	CHLOROCRESOL
PART No.:	RM072
SYNONYMS, TRADE NAMES:	4-CHLORO-3-METHYLPHENOL, 4-CHLORO-m-CRESOL
SUPPLIER:	J M Loveridge plc Southbrook Road, Southampton Hampshire SO15 1BH Tel: 023 8022 2008 Fax: 023 8022 2117

2. COMPOSITION/INFORMATION ON INGREDIENTS:

EU INDEX No.:	604-014-00-3
EEC (EINECS) No.	200-431-6
CAS No.:	59-50-7

3. HAZARDS IDENTIFICATION:

Harmful in contact with skin and if swallowed. Risk of serious damage to eyes. May cause sensitisation by skin contact. Very toxic to aquatic organisms.

4. FIRST AID MEASURES:

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 for 15 minutes then swab with glycerol/IMS mixture (70/30%). Obtain 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.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Water spray, foam, dry powder or carbon dioxide.
SPECIAL FIRE FIGHTING PROCEDURES:	Take measures to retain water used for extinguishing. Do not release contaminated water into drains, soil and surface water. Dispose of contaminated water and soil according to local regulations.
HAZARDOUS COMBUSTION PRODUCTS:	Noxious or toxic vapours may be released in fire situation.
PROTECTIVE MEASURES IN FIRE:	Fire fighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:	Wear appropriate protective clothing.
PRECAUTIONS TO PROTECT ENVIRONMENT:	Prevent contamination of soil, drains and surface water.
SPILL CLEANUP METHODS:	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.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:	HANDLING - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Avoid contact with skin or eyes.
STORAGE PRECAUTIONS:	Store in a cool, dry, well ventilated place, in securely closed original container.
STORAGE CRITERIA:	Chemical storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

VENTILATION:	Work in a fume cupboard or use local exhaust ventilation.
RESPIRATORS:	In case of insufficient ventilation, for short periods of work, a suitable approved dust protection to P2 standard is recommended.
PROTECTIVE GLOVES:	Use impervious gloves made of butyl rubber or PTFE (teflon).
EYE PROTECTION:	Approved chemical safety goggles or face protection.
OTHER PROTECTION:	Wear protective clothing and closed footwear. Apron. Wear personal protective equipment appropriate to the quantity of material handled.
HYGIENIC WORK PRACTICES:	SKIN PROTECTION - apply barrier cream to hands and exposed skin.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Colourless or white crystals	
ODOUR/TASTE:	Characteristic phenolic odour.	
BOILING POINT (°C, interval):	235	Pressure:
MELT/FREEZ. POINT (°C, interval):	mp: 66°C	
SOLUBILITY DESCRIPTION:	Slightly soluble in water.	
SOLUBILITY VALUE (g/100g H ₂ O 20°C):	0.4	
FLASH POINT (°C):	118	Method:
AUTO IGNITION TEMP. (°C):	590	

10. STABILITY AND REACTIVITY:

STABILITY:	Stable under normal conditions of use.
MATERIALS TO AVOID:	Alkali hydroxides. Oxidising agents.
HAZARDOUS DECOMP. PRODUCTS:	Thermal decomposition may release noxious, toxic or corrosive gases or vapours.

11. TOXICOLOGICAL INFORMATION:

Toxicological data	LD50. Oral. Rat. 1830 mg/kg
	LD50. Skin. Rat. > 2000 mg/kg
TOXICOLOGICAL INFORMATION:	Insufficient data available to permit toxicological assessment. Irritant or caustic effect upon contact with skin or mucous membranes.
SKIN:	Irritating to skin.
EYES:	Corrosive to eyes.

12. ECOLOGICAL INFORMATION:

Ecotoxicological data	LC50 48 hours fish 1.2 mg/l (L. indus)
ECOLOGICAL INFORMATION:	Very toxic to aquatic organisms.
BIO ACCUMULATION:	High bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:	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.
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WASTE CLASS:

WASTE CODE: 0705** HAZARDOUS PROPERTY: H5, H14

14. TRANSPORT INFORMATION:

UK ROAD TRANSPORT CLASS: II

ADR CLASS No.: 6.1

ADR CLASS: Division 6.1: Toxic substances.

ADR ITEM No.: 14°(b)

HAZARD No. (ADR): 60 Toxic or slightly toxic substance.

ADR MARGINAL: 2601

ADR LABEL No.: 6.1

HAZCHEM CODE: 2X

PROPER SHIPPING NAME I: CHLOROCRESOLS

PROPER SHIPPING NAME II: TECHNICAL NAME - (chloro-m-cresol, solid)

UN No. SEA: UN 2669

IMDG CLASS: 6.1

IMDG PAGE No.: 6102

IMDG PACK GR.: II

UN No., AIR: UN-ID 2669

AIR PACK GR.: II

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:**RISK PHRASES:**

R-21/22 Harmful in contact with skin and if swallowed.
R-41 Risk of serious damage to eyes.
R-43 May cause sensitisation by skin contact.
R-50 Very toxic to aquatic organisms.

SAFETY PHRASES:

S-2 Keep out of reach of children.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S-61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.

UK REGULATORY REFERENCES:

Chemicals (Hazard Information & Packaging) Regulations 1993. Classification, Packaging and Labelling Regulations 1984.

16. OTHER INFORMATION:

INFORMATION SOURCES:	This product has been classified in accordance with CHIP3 regulations.
REVISION COMMENTS:	Edition 01; Revised item(s):
ISSUED BY:	MK
SDS No.:	117
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.