

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: **ML-10 (UK)**
PRODUCT CODE: 6252
NAME OF THE MANUFACTURER: Rochester Midland Corporation Ltd.
Unit 24, Nine Mile Point Industrial Estate
Cwmfelinfach, Crosskeys, Gwent
Wales, UK NP11 7HZ
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proberts@rmcorp.co.uk
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APPLICATION:
According to Regulation (EC) 1907/2006

2. HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS

Contact with combustible material may cause fire. Contact with acids liberates toxic gas. Causes burns. Harmful if swallowed. May cause sensitization by skin contact.

EFFECTS/CARCINOGENICITY: None listed under OSHA, IARC, or NTP.
ROUTES OF ENTRY: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION CAS#	%	EINECS Number	EEC Classification and Risk Phrases
Bromochloro-5,5-Dimethylhydantoin 32718-18-6	89-97	-	

For the full text of the R phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Rinse mouth with water many times. Get immediate medical attention.
SKIN: Remove contaminated clothing and launder before reuse. In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention.
INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.
EYES: Remove contact lenses. In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.
NOTES TO PHYSICIAN: None.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: As for surrounding fire.
SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO
SENSITIVITY TO STATIC DISCHARGE: Sensitivity to static discharge is not expected.

5. FIRE FIGHTING MEASURES**FIRE FIGHTING PROCEDURES:**

Wear self-contained breathing equipment and rubber protective clothing. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES**SPILL PROCEDURES:****SMALL SPILLS:**

Flush with water.

LARGE SPILLS:

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS:

Not applicable

ENVIRONMENTAL PRECAUTIONS:

Not applicable

METHODS FOR CLEANING UP:

Not applicable

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:**

Avoid contact with skin and eyes. Store in a well ventilated area. Keep container closed when not in use.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT:****EXPOSURE CONTROLS:**

Use in a well ventilated area.

RESPIRATORY PROTECTION:

Use in a well ventilated area.

PROTECTIVE GLOVES:

PVC.

EYE PROTECTION:

Goggles.

**OTHER PERSONAL PROTECTION
EQUIPMENT:**

None known.

VENTILATION:

Use only in well ventilated area.

HYGIENIC WORK PRACTICES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE AND ODOR:**

Tablets White. Off-white. Mild odor.

BOILING POINT (F):

NE (C) Not determined

VAPOR PRESSURE:

9.35 X 10 (10(-3)) PA

SOLUBILITY IN WATER:

0.2

SPECIFIC GRAVITY:

NE

VOC Content (%):

NE

VOV Content (%):

Not established

PH:

NE

(F):

NE (C): Not Applicable

METHOD:

Not applicable

FLAMMABLE LIMITS IN AIR**LOWER (%):**

Not applicable

UPPER (%):

None

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
POLYMERIZATION: Will Not Occur.
HAZARDOUS DECOMPOSITION: When heated to decomposition: Hydrogen Bromide. Hydrogen chloride gas.
INCOMPATIBILITY (MATERIALS TO AVOID): None known.
CONDITIONS/HAZARDS TO AVOID: Temperatures above 160° F. Strong oxidizers.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not Established
EFFECTS OF CHRONIC EXPOSURE: Not established.
OTHER TOXIC EFFECTS: Not established.
TOXIC DOSE - LD50: 1500 mg/kg (oral rat)

EFFECTS FROM ACUTE EXPOSURE:

INGESTION: Harmful if swallowed. May cause burns to mucous membranes of mouth, throat, and digestive tract.
SKIN CONTACT: Causes burns.
INHALATION: Causes lung irritation.
EYE CONTACT: Causes eye burns.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Rainbow Trout (*Salmo gairdneri*); 96 hour; LC50 static: 0.4 mg/l Bluegill Sunfish (*Lepomis macrochirus*); 96 hour LC50 static: 0.46 g/l *Daphnia Magna*; 48 hour LC50 static: 0.75 mg/l
CHEMICAL FATE INFORMATION: No data at this time.
MOBILITY: Not applicable.
PERSISTENCE/DEGRADABILITY: Not applicable
BIOACCUMULATIVE POTENTIAL: Not applicable
OTHER ADVERSE EFFECTS: Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State and Local regulations.

14. TRANSPORT INFORMATION

(Bad file name or number)

UN NO. ROAD: 1479
ADR CLASS No.: Division 5.1: Oxidizing substances
ADR CLASS 5.1
ADR PACK GR.: II
HAZARD No. (ADR) 50
ADR LABEL No.: 5.1
HAZCHEM CODE: 1Y
CEPIC TEC(R) No.: 51GO2-I+II+III
Proper Shipping Name: OXIDIZING SOLID, NOS (Bromochloro-5,5-dimethylhydantion)

RID CLASS No.: 5.1
RID PACK GR.: II

IMDG UN No.: 1479
IMDG CLASS 5.1
IMDG PACK GR.: II

14. TRANSPORT INFORMATION

EmS No.: F-A, S-Q
MFAG TABLE No.: See Guide
Marine Pollutant: Yes.

ICAO/IATA UN No.: 1479
ICAO/IATA CLASS 5.1
ICAO/IATA PACK GR.: II

15. REGULATORY INFORMATION**LABEL FOR SUPPLY****R -PHRASE(S)**

R 8 - Contact with combustible material may cause fire R22 - Harmful if swallowed R31 - Contact with acids liberates toxic gas R34 - Causes burns R43 - May cause sensitization by skin contact

SAFETY PHRASES:

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

S45 In case of accident or if you feel unwell, seek medical advice immediately.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations.
GUIDANCE NOTES: Occupational Exposure Limits EH40. CHIP for everyone HSG(108).

Text of R phrases mentioned in Section 3

R 8 - Contact with combustible material may cause fire

R22 - Harmful if swallowed

R31 - Contact with acids liberates toxic gas

R34 - Causes burns

R43 - May cause sensitization by skin contact

REVISION DATE: 08/25/2010
REVISION NUMBER: 6
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PREPARED BY: EH&S DEPARTMENT

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