

# SAFETY DATA SHEET



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

**PRODUCT NAME:** **ML-101 (UK)**  
**PRODUCT CODE:** 6302  
**NAME OF THE MANUFACTURER:** Rochester Midland Corporation Ltd.  
Unit 24, Nine Mile Point Industrial Estate  
Cwmfelinfach, Crosskeys, Gwent  
Wales, UK NP11 7HZ  
Tel No. +44 1495 200005  
Fax No. +44 1495 201416  
proberts@rmcorp.co.uk  
**EMERGENCY PHONE:** +44 1495 200005 (24 hours per day)  
**APPLICATION:**  
According to Regulation (EC) 1907/2006

## 2. HAZARDS IDENTIFICATION

### MOST IMPORTANT HAZARDS

Irritating to skin Risk of serious damage to eyes May cause sensitization by skin contact  
Harmful in contact with skin and if swallowed

**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
2,2-Dibromo-3-nitrilopropionamide 10222-01-2	20	233-539-7	

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

## 4. FIRST AID MEASURES

**INGESTION:** Induce vomiting. Get immediate medical attention.  
**SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes.  
**INHALATION:** If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.  
**EYES:** Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.  
**NOTES TO PHYSICIAN:** None.

## 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Water fog, carbon dioxide, foam, dry chemical.  
**SENSITIVITY TO MECHANICAL IMPACT(Y/N):** NO  
**SENSITIVITY TO STATIC DISCHARGE:** Sensitivity to static discharge is not expected.  
**FIRE FIGHTING PROCEDURES:** Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires.

## 6. ACCIDENTAL RELEASE MEASURES

### SPILL PROCEDURES:

**SMALL SPILLS:** Pick up with absorbant material. Flush residue with water.  
**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Neutralize with lime, soda ash, or sodium bicarbonate.

**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. Keep out of reach of children. Avoid breathing vapors, if exposed to high vapor concentration, leave area at once. Do not store near heat. Keep container closed.  
**OTHER PRECAUTIONS:** No other spill procedures necessary.  
**SPECIFIC USE(S):** Not applicable.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION



**PROTECTIVE EQUIPMENT:** None known.  
**EXPOSURE CONTROLS:** Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.  
**RESPIRATORY PROTECTION:** Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.  
**PROTECTIVE GLOVES:** Rubber or plastic gloves recommended to minimize skin contact.  
**EYE PROTECTION:** Goggles.  
**OTHER PERSONAL PROTECTION EQUIPMENT:** Appropriate protective clothing as needed to prevent skin contact.  
**VENTILATION:** Use local exhaust to control to recommended P.E.L. or TLV.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:** Amber liquid. Odorless.  
**BOILING POINT (F):** >120C **(C)** Not determined  
**VAPOR PRESSURE:** NE  
**VAPOR DENSITY (AIR=1):** NE  
**SOLUBILITY IN WATER:** Soluble in water  
**SPECIFIC GRAVITY:** 1.25  
**VOC Content (%):** NE  
**VOV Content (%):** NE  
**EVAPORATION RATE:** NE  
**PH:** NE  
**(F):** NA **(C):** Not Applicable  
**METHOD:** Not applicable  
**FLAMMABLE LIMITS IN AIR**  
**LOWER (%):** NA  
**UPPER (%):** NA

## 10. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE  
**POLYMERIZATION:** Will Not Occur.

## 10. STABILITY AND REACTIVITY

**HAZARDOUS DECOMPOSITION:** When heated to decomposition: Bromine.  
**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong alkalis.  
**CONDITIONS/HAZARDS TO AVOID:** Extreme heat, direct sunlight.

## 11. TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** Not Established  
**EFFECTS OF CHRONIC EXPOSURE:** Not established.  
**OTHER TOXIC EFFECTS:** Not established.  
**TOXIC DOSE - LD50:** 1600 mgs/kg rats.

### EFFECTS FROM ACUTE EXPOSURE:

**INGESTION:** Harmful if swallowed.  
**SKIN CONTACT:** Causes mild skin irritation.  
**INHALATION:** Harmful if inhaled.  
**EYE CONTACT:** May cause permanent eye damage.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** Acute LC50 for fish is in the range 5.4 to 8.9 mg/lt. Acute EC50 for daphnia magna is 6.2 mgs/lt. Biodegradable  
**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



**UN NO. ROAD:** 3265  
**ADR CLASS No.:** Class 8: Corrosive substances.  
**ADR CLASS:** 8  
**ADR PACK GR.:** III  
**ADR LABEL No.:** 8  
**CEFIC TEC(R) No.:** 80G20  
**Proper Shipping Name:** CORROSIVE LIQUID, ACIDIC, ORGANIC, NOS (Contains DBNPA)

**RID CLASS No.:** 8

**14. TRANSPORT INFORMATION**

RID PACK GR.: III

IMDG UN No.: 3265  
IMDG CLASS 8  
IMDG PACK GR.: III  
EmS No.: F-A, S-B  
MFAF TABLE No.: See Guide

ICAO/IATA UN No.: 3265  
ICAO/IATA CLASS 8  
ICAO/IATA PACK GR.: III

**15. REGULATORY INFORMATION**

**LABEL FOR SUPPLY**



**R -PHRASE(S)**

R38 - Irritating to skin R41 - Risk of serious damage to eyes R43 - May cause sensitization by skin contact  
R20/22 - Harmful by inhalation and if swallowed

**SAFETY PHRASES:**

S24 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/39 Wear suitable protective clothing 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**

R38 - Irritating to skin  
R41 - Risk of serious damage to eyes  
R43 - May cause sensitization by skin contact  
R20/22 - Harmful by inhalation and if swallowed

**REVISION DATE:** 08/25/2010  
**REVISION NUMBER:** 4  
**SUPERCEDES: REV. 1 DATE:** 12/08/2004  
**Revision Comments** Re-issued due to change in Company address.

**PREPARED BY:** EH&S DEPARTMENT

## ML-101 (UK)

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**\*\*\* END OF SDS \*\*\***