

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: MIDFLOC 1327L (UK)
PRODUCT CODE: 6240
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 eyes, respiratory system and skin

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
Polyhydroxyaluminum chloride 1327-41-9	~27	-	

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

4. FIRST AID MEASURES

INGESTION: DO NOT INDUCE VOMITING. Drink one or two glasses of water. Get medical attention. Never give anything by mouth to an unconscious person.
SKIN: Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists. Rinse thoroughly with water.
INHALATION: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
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.
FIRE FIGHTING PROCEDURES: Wear self-contained breathing equipment and rubber protective clothing.

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6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

Flush with water.

LARGE SPILLS:

Absorb onto sand, earth, or inert material. Dilute remainder with large amounts of water, then neutralize with soda, ash, or lime.

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 only in original container and keep closed. Store in a cool, dry area.

Store in a well ventilated area.

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:

Rubber or plastic gloves recommended to minimize skin contact.

EYE PROTECTION:

Goggles. Face shield.

**OTHER PERSONAL PROTECTION
EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact.

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:

Light yellow liquid. Odorless. Colorless

BOILING POINT (F):

100 - 200 (C) 2

VAPOR PRESSURE:

760 mmHg

SOLUBILITY IN WATER:

Soluble in water.

SPECIFIC GRAVITY:

NE

VOC Content (%):

NE

VOV Content (%):

Not established

EVAPORATION RATE:

NE

PH:

1 - 1.5

(F):

NE (C): Not Applicable

METHOD:

Not applicable

FLAMMABLE LIMITS IN AIR

LOWER (%):

Not applicable

UPPER (%):

None

10. STABILITY AND REACTIVITY

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10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Hydrogen chloride gas.
INCOMPATIBILITY (MATERIALS TO AVOID):	Avoid contact with: Hypochlorites (bleach.) Sulfur and sulfite compounds. Oxidizing materials. Galvanized steel. Aluminum.
CONDITIONS/HAZARDS TO AVOID:	None known.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Not Established
EFFECTS OF CHRONIC EXPOSURE:	Not established.
OTHER TOXIC EFFECTS:	Not established.

EFFECTS FROM ACUTE EXPOSURE:

INGESTION:	May cause discomfort.
SKIN CONTACT:	Causes mild skin irritation.
INHALATION:	Causes mild respiratory irritation.
EYE CONTACT:	Causes mild eye irritation.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	Not regarded as dangerous for the environment.
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.
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14. TRANSPORT INFORMATION



UN NO. ROAD:	1760
ADR CLASS No.:	Class 8: Corrosive substances.
ADR CLASS	8
ADR PACK GR.:	III
HAZARD No. (ADR)	80
ADR LABEL No.:	8
HAZCHEM CODE:	2X
CEFIC TEC(R) No.:	80GC9-II+III
Proper Shipping Name:	CORROSIVE LIQUID, NOS (Polyaluminumhydroxy chloride)

14. TRANSPORT INFORMATION

RID CLASS No.: 8
RID PACK GR.: III

IMDG UN No.: 1760
IMDG CLASS 8
IMDG PACK GR.: III
EmS No.: F-A, S-B
MFAF TABLE No.: See Guide
Marine Pollutant: Not a Marine Pollutant

ICAO/IATA UN No.: 1760
ICAO/IATA CLASS 8
ICAO/IATA PACK GR.: III

15. REGULATORY INFORMATION

LABEL FOR SUPPLY



R -PHRASE(S)

R36/37/38 - Irritating to eyes, respiratory system and skin

SAFETY PHRASES:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S60 This material and/or its container must be disposed of as hazardous waste.

S24/25 Avoid contact with skin and eyes.

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

R36/37/38 - Irritating to eyes, respiratory system and skin

REVISION DATE: 08/25/2010
REVISION NUMBER: 3
SUPERCEDES: REV. 1 DATE: 03/24/2005
Revision Comments Re-issued due to change in Company address.

PREPARED BY: EH&S DEPARTMENT

This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

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