

# SAFETY DATA SHEET



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

**PRODUCT NAME:** Midfloc 1314E (UK)  
**PRODUCT CODE:** 6296  
**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 Harmful if swallowed Harmful: may cause lung damage 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
Petroleum distillates 64742-94-5	25 max.	265-198-5	Xn;R65
Ethylene glycol 107-21-1	7	203-473-3	Xn;R22
Ammonium chloride 12125-02-9	5	235-186-4	Xn;R22 Xi;R36
Anionic polyacrylamide NOT AVAILABLE	1 min.	-	

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

## 4. FIRST AID MEASURES

**INGESTION:** Get immediate medical attention. DO NOT INDUCE VOMITING. May cause aspiration pneumonia. Never give anything by mouth to an unconscious person.  
**SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation persists.  
**INHALATION:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
**EYES:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.  
**NOTES TO PHYSICIAN:** None.

## 5. FIRE FIGHTING MEASURES

## Midfloc 1314E (UK)

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:**

Water. Dry chemical. Foam.

**SENSITIVITY TO MECHANICAL IMPACT(Y/N):**

NO

**SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

**FIRE FIGHTING PROCEDURES:**

Cool exposed containers with water spray. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

### 6. ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:****SMALL SPILLS:**

Pick up with absorbant material.

**LARGE SPILLS:**

Keep out of drains, sewers, streams, or other bodies of water. Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**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:**

DANGER: Combustible liquid and vapor. Use only with adequate ventilation. Do not breathe mist or vapors. Do not store near heat, sparks or flame.

Do not store near oxidizing agents. Observe proper grounding procedures to prevent fire hazard from static accumulation and discharge. Store only in original container and keep closed. Do not reuse container. Avoid contact with eyes, skin and clothing.

**OTHER PRECAUTIONS:**

Read and follow label instructions. Keep out of reach of children.

**SPECIFIC USE(S):**

Not applicable.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:****EXPOSURE CONTROLS:**

Use in a well ventilated area.

**RESPIRATORY PROTECTION:**

Above TLV use NIOSH approved respirator or breathing apparatus.

**PROTECTIVE GLOVES:**

Chemical resistant gloves.

**EYE PROTECTION:**

Safety Glasses.

**OTHER PERSONAL PROTECTION  
EQUIPMENT:**

Appropriate protective clothing as needed to prevent skin contact.

**VENTILATION:**

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Required when spraying large amounts or applying in confined area. Use non-sparking equipment. No smoking or open lights.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE AND ODOR:**

White. Liquid. Hydrocarbon odor.

**BOILING POINT (F):**

212 - 442 F (C) Not determined

**VAPOR PRESSURE:**

< 1 mm Hg @ 68 F

**VAPOR DENSITY (AIR=1):**

NE

**SOLUBILITY IN WATER:**

NOT APPLICABLE

**SPECIFIC GRAVITY:**

1.02 - 1.05 @ 77 F

## Midfloc 1314E (UK)

### 9. PHYSICAL AND CHEMICAL PROPERTIES

VOC Content (%):	NE
VOV Content (%):	Not established
EVAPORATION RATE:	< 1 (n-BuAc = 1)
PH:	NE
(F):	> 200 F (Setaflash CC) (C): Not Applicable
METHOD:	(SETA Flash cc)
FLAMMABLE LIMITS IN AIR	
LOWER (%):	1.3%
UPPER (%):	8.1%

### 10. STABILITY AND REACTIVITY

STABILITY DATA:	STABLE
POLYMERIZATION:	Will Not Occur.
HAZARDOUS DECOMPOSITION:	Hydrogen halides
INCOMPATIBILITY (MATERIALS TO AVOID):	Contact with water forms a gel at product solids content greater than 10%. Do not use iron, copper, or aluminum for storage or delivery system.
CONDITIONS/HAZARDS TO AVOID:	Temperature over 200° F. Temperatures below 32° F.

### 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 severe irritation. Causes irritation of the stomach and intestines, resulting in nausea and/or vomiting. Low toxicity.
SKIN CONTACT:	Causes moderate skin irritation.
INHALATION:	Inhalation of dust or mist may cause nose and respiratory irritation.
EYE CONTACT:	Causes moderate eye irritation.
CHRONIC EFFECTS:	Long term overexposure to some glycol ethers by skin absorption or inhalation may cause kidney, liver, or blood effects based on animal testing.

### 12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:	No data at this time
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

ROAD TRANSPORT	Not Regulated
RID TRANSPORT	Not Regulated
IMDG TRANSPORT	Not Regulated

## 14. TRANSPORT INFORMATION

ICAO/IATA TRANSPORT

Not Regulated

## 15. REGULATORY INFORMATION

LABEL FOR SUPPLY



### R -PHRASE(S)

R22 - Harmful if swallowed R36 - Irritating to eyes R65 - Harmful: may cause lung damage if swallowed

### SAFETY PHRASES:

Not classified.

### **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

R22 - Harmful if swallowed

R36 - Irritating to eyes

R65 - Harmful: may cause lung damage if swallowed

### **REVISION DATE:**

08/25/2010

### **REVISION NUMBER:**

4

### **SUPERCEDES: REV. 1 DATE:**

12/07/2004

### **Revision Comments**

Re-issued due to change in Company address.

### **PREPARED BY:**

EH&S DEPARTMENT

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