

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: CS-15 (UK)
PRODUCT CODE: 6219
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

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
1-Hydroxyethylidene - 1, 1- diphosphonic acid 2809-21-4	10 - 30	-	

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 laundry before reuse. Rinse thoroughly with water. Get medical attention if irritation persists.
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.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS: Flush with water. Rinse down drain.
LARGE SPILLS: Absorb onto sand, earth, or inert material. 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: Store in a cool, dry area.
 Store only in original container and keep closed.
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. 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 amber liquid. Water white liquid. Clear.
BOILING POINT (F): NE (C) Not determined
VAPOR PRESSURE: NE
SOLUBILITY IN WATER: Miscible with water.
SPECIFIC GRAVITY: 1.0570 - 1.0870
VOC Content (%): NE
VOV Content (%): Not established
EVAPORATION RATE: NE
PH: 0.77 - 1.77
(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.

10. STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION: When heated to decomposition: Carbon Monoxide. Carbon Dioxide.
INCOMPATIBILITY (MATERIALS TO AVOID): None known.
CONDITIONS/HAZARDS TO AVOID: Alkalines

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: May cause mild skin irritation.
INHALATION: None in normal use.
EYE CONTACT: Very severe eye damage.

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.

14. TRANSPORT INFORMATION**CORROSIVE**

UN NO. ROAD: 3265
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
CEPIC TEC(R) No.: 80GC3-II+III
Proper Shipping Name: CORROSIVE LIQUID, ACIDIC, ORGANIC, NOS (Phosphonic acid, 1-hydroxyethylidene)bis-)

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

IMDG UN No.: 3265

14. TRANSPORT INFORMATION

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

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

SAFETY PHRASES:

S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 Wear eye and face protection.
S60 This material and/or its container must be disposed of as hazardous waste.

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

REVISION DATE: 08/25/2010
REVISION NUMBER: 7
SUPERCEDES: REV. 1 DATE: 08/21/2008
Revision Comments Re-issued due to change in Company address.

PREPARED BY: EH&S DEPARTMENT

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