

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: **BFW-82 (UK)**
PRODUCT CODE: 6293
NAME OF THE MANUFACTURER: Rochester Midland Corporation Ltd.
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Cwmfelinfach, Crosskeys, Gwent
Wales, UK NP11 7HZ
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APPLICATION:
According to Regulation (EC) 1907/2006

2. HAZARDS IDENTIFICATION

MOST IMPORTANT HAZARDS

Harmful if swallowed Causes severe burns Risk of serious damage to eyes Contact with acids liberates toxic gas
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
POTASSIUM HYDROXIDE 1310-58-3	3 - 6	215-181-3	Xn;R22 C;R35
Sodium sulfite 7757-83-7	8 - 10	231-821-4	

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 discard. Rinse thoroughly with water. Get medical attention.
INHALATION: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.
EYES: 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

5. FIRE FIGHTING MEASURES**SENSITIVITY TO STATIC DISCHARGE:**

Sensitivity to static discharge is not expected.

FIRE FIGHTING PROCEDURES:

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.

OTHER PRECAUTIONS:

No other spill procedures necessary.

SPECIFIC USE(S):

Not applicable.

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

Eyewash stations. Showers.

RESPIRATORY PROTECTION:

Not normally required. If mist or vapors in air exceed exposure limit, use NIOSH approved organic vapor respirator.

PROTECTIVE GLOVES:

PVC.

EYE PROTECTION:

Safety Glasses. 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:**

Clear liquid. Straw color

BOILING POINT (F):

NE (C) Not determined

VAPOR PRESSURE:

NE

VAPOR DENSITY (AIR=1):

NE

SOLUBILITY IN WATER:

Miscible

SPECIFIC GRAVITY:

1.142

VOC Content (%):

NE

VOV Content (%):

NE

EVAPORATION RATE:

NE

PH:

NE

(F):

N/A (C): Not Applicable

METHOD:

Not applicable

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

Not applicable

9. PHYSICAL AND CHEMICAL PROPERTIES

UPPER (%): None

10. STABILITY AND REACTIVITY

STABILITY DATA: STABLE
 POLYMERIZATION: Will Not Occur.
 HAZARDOUS DECOMPOSITION: When heated to decomposition: Carbon Monoxide. Carbon Dioxide.
 INCOMPATIBILITY (MATERIALS TO AVOID): None known.
 CONDITIONS/HAZARDS TO AVOID: Acids.

11. TOXICOLOGICAL INFORMATION

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

EFFECTS FROM ACUTE EXPOSURE:

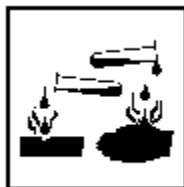
INGESTION: Severe burns to mucous membranes of mouth, throat and digestive tract.
 SKIN CONTACT: Causes burns.
 INHALATION: None in normal use.
 EYE CONTACT: Causes eye burns. May cause permanent eye damage.
 CHRONIC EFFECTS: None known.

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: 1814
 ADR CLASS No.: Class 8: Corrosive substances.
 ADR CLASS: 8
 ADR PACK GR.: II
 HAZARD No. (ADR): 80
 ADR LABEL No.: 8
 HAZCHEM CODE: 2R
 CEFIC TEC(R) No.: 53, 80G12

14. TRANSPORT INFORMATION

Proper Shipping Name: POTASSIUM HYDROXIDE SOLUTION

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

IMDG UN No.: 1814
IMDG CLASS 8
IMDG PACK GR.: II
EmS No.: F-A, S-B
MFAG TABLE No.: See Guide
Marine Pollutant: Not a Marine Pollutant

ICAO/IATA UN No.: 1814
ICAO/IATA CLASS 8
ICAO/IATA PACK GR.: II

15. REGULATORY INFORMATION

LABEL FOR SUPPLY



R -PHRASE(S)

R22 - Harmful if swallowed R31 - Contact with acids liberates toxic gas R35 - Causes severe burns R41 - Risk of serious damage to eyes
 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.
 S45 In case of accident or if you feel unwell, seek medical advice immediately.
 S60 This material and/or its container must be disposed of as hazardous waste.

S24/25 Avoid contact with skin and eyes.
 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

R22 - Harmful if swallowed
 R31 - Contact with acids liberates toxic gas
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R36/37/38 - Irritating to eyes, respiratory system and skin

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SUPERCEDES: REV. 1 DATE: 08/21/2008
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PREPARED BY: EH&S DEPARTMENT

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