

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: **BFW-32 (UK)**
PRODUCT CODE: 6602
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

- Causes severe burns

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 |
|--|--------|---------------|-------------------------------------|
| SODIUM HYDROXIDE 1310-73-2 | 6 max. | 215-185-5 | C;R35 |
| Sodium polymetaphosphate 10124-56-8 | 5 - 10 | 233-343-1 | |

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 several glasses of water or milk. Get immediate medical attention. 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. Continue rinsing until "slippery" feeling is gone. Get medical attention if irritation or burns develop.

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, 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 appropriate for surrounding fire-product is mostly water and will not burn.

SENSITIVITY TO MECHANICAL IMPACT(Y/N): NO

5. FIRE FIGHTING MEASURES

SENSITIVITY TO STATIC DISCHARGE:
FIRE FIGHTING PROCEDURES:

Sensitivity to static discharge is not expected.
 Corrosive material. Avoid exposure to mist and splashes. Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:

SMALL SPILLS:

LARGE SPILLS:

Flush with water.

Dike to contain. Pick up with absorbant material. Put in suitable container for disposal. Flush remainder with water.

PERSONAL PRECAUTIONS:

ENVIRONMENTAL PRECAUTIONS:

METHODS FOR CLEANING UP:

Not applicable

Not applicable

Not applicable

7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:**

DANGER: Concentrated, alkaline liquid. Avoid contact with eyes, skin and clothing. Do not breathe mist or vapors. Store indoors. Store only in original container and keep closed. Store in a cool, dry area.

OTHER PRECAUTIONS:

Store in a well ventilated area. Mix only with water.

Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Contact with certain food sugars can release hazardous amounts of carbon monoxide gas in enclosed vessels. Read and follow label instructions.

SPECIFIC USE(S):

Not applicable.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



PROTECTIVE EQUIPMENT:

EXPOSURE CONTROLS:

RESPIRATORY PROTECTION:

None known.

Not normally required. If product is used in a manner which creates dust or mist above recommended exposure limits, a NIOSH/MSHA approved respirator with dust/mist filter may be needed in the absence of proper environmental controls.

PROTECTIVE GLOVES:

EYE PROTECTION:

**OTHER PERSONAL PROTECTION
EQUIPMENT:**

Rubber or plastic gloves recommended to minimize skin contact.

Goggles. Face shield.

PVC boots. Rubber boots. Rubber apron. Plastic hard hat. Appropriate protective clothing as needed to prevent skin contact. Liquid may penetrate leather shoes and cause delayed burns. Eyewash fountains and safety showers must be easily accessible.

VENTILATION:

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air. Corrosion resistant equipment recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

BOILING POINT (F):

VAPOR PRESSURE:

VAPOR DENSITY (AIR=1):

SOLUBILITY IN WATER:

SPECIFIC GRAVITY:

VOC Content (%):

Clear. Dark brown liquid.

212° F (C) Not determined

15.7 mm Hg @ 22.2° C

0.625

NOT APPLICABLE

1.13 - 1.4

NE

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-------------------------|---------------------|
| VOV Content (%): | Not established |
| EVAPORATION RATE: | (BuAc = 1) : 1.26 |
| PH: | 13 - 14 |
| (F): | N/A |
| METHOD: | (C): Not Applicable |
| FLAMMABLE LIMITS IN AIR | None |
| LOWER (%): | Not applicable |
| UPPER (%): | None |

10. STABILITY AND REACTIVITY

| | |
|---------------------------------------|--|
| STABILITY DATA: | STABLE |
| POLYMERIZATION: | Will Not Occur. |
| HAZARDOUS DECOMPOSITION: | Hydrogen halides |
| INCOMPATIBILITY (MATERIALS TO AVOID): | Do not mix with acidic materials. Neutralizes active ingredients. May react violently with strong acids. |
| CONDITIONS/HAZARDS TO AVOID: | None. |

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 moderate skin irritation. Prolonged contact causes severe burns which may not be immediately painful or visible. |
| INHALATION: | Inhalation of spray mist may be irritating. Possible damage to mucous membranes of nose and throat. |
| EYE CONTACT: | Causes severe eye burns. May cause permanent eye damage. May cause blindness. |
| CHRONIC EFFECTS: | Dermatitis. Possible respiratory damage from inhalation of dust or mist. 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

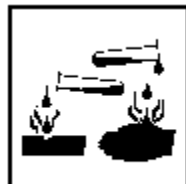
| | |
|-------------------------------|-----------------------|
| ECOTOXICOLOGICAL INFORMATION: | No data at this time |
| CHEMICAL FATE INFORMATION: | No data at this time. |
| MOBILITY: | Not applicable. |
| PERSISTENCE/DEGRADABILITY: | Not applicable |
| BIOACCUMULATIVE POTENTIAL: | Not applicable |
| 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

14. TRANSPORT INFORMATION

**CORROSIVE**

| | |
|------------------------------|--|
| ROAD TRANSPORT | ROAD TRANSPORT |
| UN NO. ROAD: | 3266 |
| ADR CLASS No.: | Class 8: Corrosive substances. |
| ADR CLASS | 8 |
| ADR PACK GR.: | II |
| HAZARD No. (ADR) | 80 |
| Proper Shipping Name: | UN3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE) |
| RID TRANSPORT | RID TRANSPORT |
| RID CLASS No.: | 8 |
| RID PACK GR.: | II |
| IMDG TRANSPORT | IMDG TRANSPORT |
| IMDG UN No.: | 3266 |
| IMDG CLASS | 8 |
| IMDG PACK GR.: | II |
| EmS No.: | F-A, S-B |
| Marine Pollutant: | Not a Marine Pollutant |
| ICAO/IATA TRANSPORT | ICAO/IATA TRANSPORT |
| ICAO/IATA UN No.: | 3266 |
| ICAO/IATA CLASS | 8 |
| ICAO/IATA PACK GR.: | II |

15. REGULATORY INFORMATION

LABEL FOR SUPPLY

**R -PHRASE(S)**

R35 - Causes severe burns

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.

S37/39 Wear suitable gloves and eye/face protection.

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| 15. REGULATORY INFORMATION |
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Text of R phrases mentioned in Section 3

R35 - Causes severe burns

REVISION DATE: 08/25/2010

REVISION NUMBER: 1

PREPARED BY: EH&S DEPARTMENT

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