

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:

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:**

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:

None known.

EXPOSURE CONTROLS:

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.

RESPIRATORY PROTECTION:

Rubber or plastic gloves recommended to minimize skin contact.

PROTECTIVE GLOVES:

Goggles. Face shield.

EYE PROTECTION:

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.

OTHER PERSONAL PROTECTION

EQUIPMENT:

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:

Clear. Dark brown liquid.

BOILING POINT (F):

212° F (C) Not determined

VAPOR PRESSURE:

15.7 mm Hg @ 22.2° C

VAPOR DENSITY (AIR=1):

0.625

SOLUBILITY IN WATER:

NOT APPLICABLE

SPECIFIC GRAVITY:

1.13 - 1.4

VOC Content (%):

NE

9. PHYSICAL AND CHEMICAL PROPERTIES

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

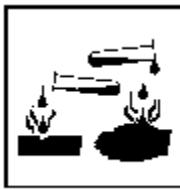
ECOTOXICOLOGICAL INFORMATION:	No data at this time
CHEMICAL FATE INFORMATION:	No data at this time.
MOBILITY:	Not applicable.
PERSISTENCE/DEGRADABILITY:	Not applicable
BIOACCUMULATIVE POTENTIAL:	Not applicable
OTHER ADVERSE EFFECTS:	Not applicable

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS:	Dispose in accordance with Federal, State and Local regulations.
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14. TRANSPORT INFORMATION

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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

C



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.

15. REGULATORY INFORMATION

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

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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