



# SAFETY DATA SHEET

Revision Date 01/30/2015

REVISION NUMBER: 2

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

### Product identifier

Product name BFW-45

### Other means of identification

Product code 118997

Synonyms NONE

### Recommended use of the chemical and restrictions on use

Recommended Use Water treatment chemical. Corrosion inhibitor.

Uses advised against No information available

### Details of the supplier of the safety data sheet

#### Manufacturer Address

Rochester Midland Corporation  
155 Paragon Drive  
Rochester, New York 14624 USA

#### Importer

Rochester Midland Limited  
5353 John Lucas Drive  
Suite 103  
Burlington, ON L7L 6G5  
Canada

### Emergency telephone number

#### **EMERGENCY TELEPHONE**

INFOTRAC: 1-800-535-5053

OUTSIDE U.S.: +1-352-323-3500

CANUTEC: 613-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

|                                   |            |
|-----------------------------------|------------|
| Skin corrosion/irritation         | Category 1 |
| Serious eye damage/eye irritation | Category 1 |
| Corrosive to metals               | Category 1 |

### Label elements

#### **Emergency Overview**

**DANGER**

#### **Hazard statements**

Causes severe skin burns and eye damage

May be corrosive to metals



**Skin contact** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

**Inhalation** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

**Ingestion** IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

**Sensitivity to Mechanical Impact** NONE.

**Sensitivity to Static Discharge** NONE.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Wear adequate personal protective equipment, see Section 8, Exposure Controls/Personal Protection.

**Environmental precautions**

**Environmental precautions** Keep out of drains, sewers, streams, or other bodies of water. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin and eyes. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** Do not mix with acidic materials. Neutralizes active ingredients.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

**ENGINEERING CONTROLS** Showers  
Eyewash stations  
Ventilation systems.

Individual protection measures, such as personal protective equipment

**Eye/face protection** Safety glasses are recommended to minimize eye contact.

**Skin and body protection** Chemical resistant gloves are recommended to minimize skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

**RESPIRATORY PROTECTION** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

|                                      |                          |                         |                          |
|--------------------------------------|--------------------------|-------------------------|--------------------------|
| <b>Physical state</b>                | Liquid                   | <b>Odor</b>             | Odorless                 |
| <b>Appearance</b>                    | Clear, Colorless         | <b>Odor threshold</b>   | No information available |
| <b>Color</b>                         | Colorless                |                         |                          |
| <b>Property</b>                      | <b>Values</b>            | <b>Remarks • Method</b> |                          |
| <b>pH</b>                            | 13.0                     |                         |                          |
| <b>Melting point/freezing point</b>  | No information available |                         |                          |
| <b>Boiling point / boiling range</b> | 100 °C / 212 °F          |                         |                          |
| <b>Flash point</b>                   | -                        | None to boiling.        |                          |
| <b>Evaporation rate</b>              | No information available |                         |                          |
| <b>Flammability (solid, gas)</b>     | No information available |                         |                          |
| <b>Flammability Limit in Air</b>     |                          |                         |                          |
| <b>Upper flammability limit:</b>     | No information available |                         |                          |
| <b>Lower flammability limit:</b>     | No information available |                         |                          |
| <b>Vapor pressure</b>                | No information available |                         |                          |
| <b>Vapor density</b>                 | No information available |                         |                          |
| <b>Specific gravity</b>              | 1.055 - 1.075            |                         |                          |
| <b>Water solubility</b>              | No information available |                         |                          |
| <b>Solubility in other solvents</b>  | No information available |                         |                          |
| <b>Partition coefficient</b>         | No information available |                         |                          |
| <b>Autoignition temperature</b>      | No information available |                         |                          |
| <b>Decomposition temperature</b>     | No information available |                         |                          |
| <b>Kinematic viscosity</b>           | No information available |                         |                          |
| <b>Dynamic viscosity</b>             | No information available |                         |                          |
| <b>Explosive properties</b>          | No information available |                         |                          |
| <b>Oxidizing properties</b>          | No information available |                         |                          |

Other Information

|                          |                          |
|--------------------------|--------------------------|
| Softening point          | No information available |
| VOC (EPA METH.24) (G/L): | 0                        |
| Density                  | 8.87 lbs/gal             |
| Bulk density             | No information available |

## 10. STABILITY AND REACTIVITY

### REACTIVITY

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### CONDITIONS TO AVOID

Extremes of temperature and direct sunlight.

### Incompatible materials

Do not mix with acidic materials. Neutralizes active ingredients.

### Hazardous Decomposition Products

If evaporated to dryness, as in a fire, material may burn, releasing: Oxides of Carbon. Oxides of Nitrogen. Oxides of Phosphorus.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|                            |  |
|----------------------------|--|
| <b>Product Information</b> | Causes severe skin burns and eye damage.                               |
| <b>Inhalation</b>          | Causes burns.  |
| <b>Eye contact</b>         | Corrosive to the eyes and may cause severe damage including blindness. |
| <b>Skin contact</b>        | Causes burns.  |
| <b>Ingestion</b>           | Causes burns.  |

| PRODUCT COMPOSITION         | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|-----------------------------|----------------------|-------------|-----------------|
| Tetrasodium EDTA<br>64-02-8 | = 1658 mg/kg ( Rat ) | -           | -               |

### Information on toxicological effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Sensitization</b>            | No information available. |
| <b>Germ cell mutagenicity</b>   | No information available. |
| <b>Carcinogenicity</b>          | No information available. |
| <b>Reproductive Toxicity</b>    | No information available. |
| <b>STOT - single exposure</b>   | No information available. |
| <b>STOT - repeated exposure</b> | No information available. |
| <b>Aspiration hazard</b>        | No information available. |

### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 7.38% of the mixture consists of ingredient(s) of unknown toxicity

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

7.38% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| PRODUCT COMPOSITION         | Algae/aquatic plants                            | Fish   | Crustacea |
|-----------------------------|---|--|-----------|
| Tetrasodium EDTA<br>64-02-8 | 1.01: 72 h Desmodesmus<br>subspicatus mg/L EC50 | 41: 96 h Lepomis<br>macrochirus mg/L LC50<br>static 59.8: 96 h Pimephales<br>promelas mg/L LC50 static | -         |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**14. TRANSPORT INFORMATION**

**DEPT. OF TRANSPORTATION**

Proper shipping name

Not Regulated by DOT

**TDG**

Not Regulated

**15. REGULATORY INFORMATION**

**International Inventories**

|               |                 |
|---------------|-----------------|
| TSCA          | Complies        |
| DSL/NDSL      | Complies        |
| EINECS/ELINCS | Does not Comply |
| ENCS          | Complies        |
| IECSC         | Complies        |
| KECL          | Does not Comply |
| PICCS         | Complies        |
| AICS          | Complies        |

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>ACUTE HEALTH HAZARD</b>               | YES |
| <b>CHRONIC HEALTH HAZARD</b>             | No  |
| <b>FIRE HAZARD</b>                       | No  |
| <b>Sudden release of pressure hazard</b> | No  |
| <b>REACTIVE HAZARD</b>                   | YES |

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### **California Proposition 65**

This product does not contain any Proposition 65 chemicals

#### **U.S. State Right-to-Know Regulations**

#### **U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

## 16. OTHER INFORMATION

#### **NFPA**

**Health hazards** 2

**Flammability** 0

**Instability** 0

**Physical and Chemical Properties** ALKALI

#### **HMIS**

**Health hazards** 2

**Flammability** 0

**Physical hazards** 0

**Personal protection** B

**Revision Date** 01/30/2015

**Revision Note**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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