

MATERIAL SAFETY DATA SHEET

Complies with OSHA's 29 CFR
1910.1200 and State Hazard
Communication Standards.



FREMONT INDUSTRIES, INC.
4400 Valley Industrial Blvd. N.
Shakopee, MN 55379-1859

PHONE: (952) 445-4121
FAX: (952) 496-3027
EMERGENCY PHONE: (952) 445-4121
CHEMTREC: (800) 424-9300

SECTION 1.

PRODUCT IDENTITY : Formula BWT 202, Boiler Feedwater Treatment

DATE PREPARED : October 1, 2007

NFPA/HMIS HAZARD CODES (MINIMAL=0; SLIGHT=1; MODERATE=2; SERIOUS=3; SEVERE=4)
Health: 1/1 **Fire:** 0/0 **Reactivity:** 0/0 **Special:** C

DOT SHIP CLASS: NOT REGULATED PER 49 CFR 172.101

Emergency Response Guide Number: 171

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<u>HAZARDOUS COMPONENTS</u>	<u>CAS#</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>	<u>% BY WT.</u>
Potassium Hydroxide 45%	1310-58-3	2 mg/M3 (ceiling)	2 mg/M3 (ceiling)	10-15%
Poly Acrylic Based Terpolymer	None Listed	None Est.	None Est.	7-12%
1-Hydroxyethylidene-1,1-Diphosphonic Acid	2809-21-4	None Est.	None Est.	5-15%
Acrylic Acid Based Co-Polymer	71050-62-9	None Est.	None Est.	1-10%

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT: 212 (F) **SPECIFIC GRAVITY:** 1.05-1.15
VAPOR PRESSURE: as water **PERCENT VOLATILE:** 85% +/-
VAPOR DENSITY: as water **EVAPORATION RATE:** as water
SOLUBILITY IN WATER: complete **pH:** 9-11

APPEARANCE/ODOR : Lt. Amber liquid, slight odor.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None Flammable **FLAMMABLE LIMITS:** N/A

EXTINGUISHING MEDIA: Water fog, Alcohol foam, Carbon Dioxide, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Do not release runoff from fire control methods to sewers or waterways.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known other than material can splatter above 100 (C)/212(F)
Carbon monoxide may be released on burning.

SECTION 5: REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: There are no known hazardous decomposition products for this material unless the material is burned in which case undetermined evolution of toxic gases may occur.

POLYMERIZATION: Will not occur.

SECTION 6: HEALTH HAZARD DATA**ROUTES OF ENTRY AND SYMPTOMS OF EXPOSURE:****ACUTE EFFECTS:**

Eyes: May cause severe burns; possible permanent eye damage, even blindness.
Skin: Irritant; prolonged contact may cause severe burns which may not be immediately painful or visible.
Ingestion: Material is possibly harmful if swallowed.
Inhalation: Mists may cause irritation to nose, throat and respiratory tract; possible tissue damage

CHRONIC EFFECTS: No studies have been conducted for this product.

CARCINOGENS: None listed under OSHA, IARC or NTP.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No specific information provided on compounds at date of issue.

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Immediately flush with copious amounts of water for 15 minutes. Hold eyelids open to ensure complete rinse. Remove contact lenses if worn. Get immediate medical attention.
Skin: Water affected areas thoroughly with soap and water for at least 15 minutes. Continue to rinse until "slippery" feeling is gone. Get medical attention if irritation persists or burns develop.
Ingestion: DO NOT INDUCE VOMITING. Give water or milk to dilute. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Inhalation: Remove to fresh air. Get medical attention if irritation persists or symptoms develop later.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE**SPILL OR LEAK PROCEDURES:**

Small Spills: Absorb spill with paper towel or similar absorbent, or flush to sewer or ground with large amounts of water.

Large Spills: Dike to contain spill. Reclaim as much as possible. Absorb remainder with inert materials. Flush residue away with water. Prevent wash water from entering natural waterways or public water supplies.

Waste Disposal Method: Dispose of in accordance with Federal, State, and local regulations.

Handling and Storage: Read label before using. Do not contaminate food or feed by use or storage of this product. Keep from freezing. Store only in original container and keep closed while not in use.

Other Precautions: Do not store this material near any strong acids, bases, oxidizers, flammables or any other type of reactive material. Do not expose the material to temperature extremes.

SECTION 8: CONTROL MEASURES

RESPIRATORY PROTECTION: Use NIOSH approved dust or mist respirator if mist in air causes irritation or exceeds exposure limits.

VENTILATION: Normally none required. Mechanical exhaust as needed if mist in air.

GLOVES: Rubber or neoprene.

EYE PROTECTION: Splash proof goggles or chemical safety glasses. Provide for full eye protection.

OTHER PROTECTIVE EQUIPMENT: As needed to prevent prolonged or repeated skin contact.

WORK/HYGENIC PRACTICES: Wash thoroughly after handling. Launder contaminated clothing before reuse. Do not wear clothing soaked with product.

SECTION 9: SARA TITLE III REGULATORY INGREDIENT INFORMATION

1. Title III Section 302/304 Extremely Hazardous Substance List and/or CERCLA Hazardous Substance List.

Component Potassium Hydroxide

CAS #: 1310-58-3

Percent: 10-15%

T.P.Q.: 1000 lbs.

R.Q.: 1000 lbs.

2. Title III Section 313 Toxic Chemicals Annual Release Reporting Requirements (SARA Section 313 Toxic Chemicals List).

Component Potassium Hydroxide

CAS #: 1310-58-3

Percent: 10-15%

FREMONT'S PRODUCTS ARE SOLD "AS IS." FREMONT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH RESPECT TO ITS PRODUCTS OR RELATED SERVICES. ALL SUCH EXPRESS AND IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE SPECIFICALLY DISCLAIMED.