

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Product Name: **BWT-170**

SECTION I – Product and Company Identification

Patriot Industrial Technologies, Ltd. Phone: (330) 699-4429
P.O. Box 151 Fax: (330) 699-9429
Uniontown, OH 44685 Date: June 6, 2006
Emergency Telephone Number: 1-800-255-3924

SECTION II - Hazardous Ingredients/Identity Information

| <u>Hazardous Component</u> | <u>CAS #</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>% Composition</u> |
|---|--------------|-----------------|------------------|----------------------|
| Sodium Hydroxide | 1310-73-2 | 2.00 | 2.00 | 1 - 5% |
| Sodium Sulfite | 7757-83-7 | N.A. | 5.00 | 2 - 10% |
| Acrylic Acid Polymers | N.A. | N.A. | N.A. | 2 - 10% |
| 1-Hydroxyethylidene-1, 1-Diphosphonic Acid | 2809-21-4 | N.A. | N.A. | 1 – 5% |

SECTION III - Physical/Chemical Characteristics

| | | | |
|-----------------|--------|--------------------------------------|----------|
| Physical State: | Liquid | Vapor Density (AIR = 1): | N.A. |
| Color: | Brown | Vapor Pressure (mm Hg): | N.A. |
| Odor: | None | Solubility in Water: | Complete |
| Boiling Point: | N.A. | Specific Gravity (H ₂ O): | 1.087 |
| Melting Point: | N.A. | Evaporation Rate: | N.A. |
| pH | 10.4 | | |

SECTION IV - Fire and Explosion Hazard Data

Flash Point: > 212 F, TCC Fire Fighting Procedure: Wear self-contained breathing apparatus
Flammability Limits in Air: N.A. Unusual Fire or Explosion Hazards: None Known
Extinguishing Media: Water

SECTION V - Reactivity Data

Stability: Stable
Conditions to Avoid: Excessive heat in a confined vessel.
Materials to Avoid: Magnesium, Aluminum, Zinc
Hazardous Decomposition Byproducts: Flammable Hydrogen Gas
Hazardous Polymerization: Will not occur

SECTION VI – Health Hazard Data

Routes of entry: Inhalation: No Skin: Yes Ingestion: Yes
Health Hazards (Acute and Chronic): Causes irritation and possible permanent damage to eyes and skin. Ingestion will irritate mouth, throat, and stomach. May cause severe allergic reaction in sulfite sensitive individuals.
Carcinogenicity: None NTP: No IARC Monographs: No OSHA Regulated: No
Signs and symptoms of exposure: May cause irritation to eyes, skin, mouth, throat, stomach, and respiratory system.
Medical conditions aggravated by exposure: N.A.

SECTION VII - First Aid Procedures:

INGESTION – Do not induce vomiting. Contact physician immediately.
SKIN AND EYE CONTACT - Flush with water for 15 min. Contact a physician.

SECTION VIII- Accidental Release Measures

In case of Release or Spill: Contain spill for proper disposal.
Waste Disposal Method: Dispose of according to local, state, and federal regulations.

SECTION IX - Precautions for Safe Handling and Use

Handling and Storing: Safety goggles recommended.
Other Precautions: For industrial use only.

SECTION X - Control Measures / Personal Protection

| | |
|--------------------------|--|
| Gloves: | Rubber, plastic, or other impervious material |
| Respirator: | NIOSH approved suggested |
| Ventilation: | Local exhaust: As required Mechanical: Normal Special: None Other: None |
| Eye Protection: | Goggles |
| Other Protection: | None |
| Work/Hygienic Practices: | None |

SECTION XI - Ecological Information - No information is available

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