

# 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-160**

## 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	3-7%
Acrylic Acid Polymers	N.A.	N.A.	N.A.	1-5%
Sodium Hexametaphosphate	68915-31-1	15.0	10.0	1-5%
Ethylenediaminetetraacetic Acid, Sodium Salt	64-02-8	N.A.	N.A.	1-2%

## SECTION III - Physical/Chemical Characteristics

Physical State: Liquid Vapor Density (AIR = 1): N.A.  
Color: Amber Vapor Pressure (mm Hg): N.A.  
Odor: Characteristic Solubility in Water: Complete  
Boiling Point: N.A. Specific Gravity (H<sub>2</sub>O): 1.098  
Melting Point: N.A. Evaporation Rate: N.A.  
pH >12

## 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 severe irritation and possible permanent damage to eyes and skin. Ingestion will irritate mouth, throat, and stomach. Ingestion 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 severe irritation to eyes, skin, mouth, throat, stomach, and respiratory system.

Medical conditions aggravated by exposure: N.A.

## SECTION VII - First Aid Procedures

INGESTION - Contact physician immediately. Do not induce vomiting.  
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. This material is a hazardous waste.  
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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