

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-190**

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%
Acrylic Acid Polymers	N.A.	N.A.	N.A.	1 - 5%
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):	1.026
Melting Point:	N.A.	Evaporation Rate:	N.A.
pH	over 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 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 and possible permanent damage 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.
This material is a hazardous waste: Corrosivity (D002)
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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