

# 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-110**

## 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 Metabisulfite	7681-57-4	N.A.	N.A.	30-40%

## SECTION III - Physical/Chemical Characteristics

Physical State:	Liquid	Vapor Density (AIR = 1):	N.A.
Color:	Pale Amber	Vapor Pressure (mm Hg):	N.A.
Odor:	Bisulfite	Solubility in Water:	Complete
Boiling Point:	N.A.	Specific Gravity (H <sub>2</sub> O):	1.28
Melting Point:	N.A.	Evaporation Rate:	N.A.
pH	4.3		

## 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: None known  
Materials to Avoid: None Known  
Hazardous Decomposition Byproducts: None known  
Hazardous Polymerization: Will not occur

## SECTION VI – Health Hazard Data

Routes of entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards (Acute and Chronic): Causes irritation to eyes and skin. Ingestion will irritate mouth, throat, and stomach.  
May cause severe allergic reaction in sulfite sensitive individuals. Inhalation may irritate respiratory system

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. May cause severe allergic reaction in sulfite sensitive individuals.

Medical Conditions Aggravated by Exposure: N.A.

## SECTION VII - First Aid Procedures:

INGESTION - Contact physician immediately.  
SKIN AND EYE CONTACT - Flush with water for 15 min. Contact a physician If irritation develops or persists.

## 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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