

# 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-150**

## 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 (Caustic Soda)	1310-73-2	2.0	2.0	1-2%
Sodium Nitrite	7632-00-0	N.A.	N.A.	15-25%
Borax	12179-04-3	N.A.	N.A.	<2%

## SECTION III - Physical/Chemical Characteristics

Physical State:	Liquid	Vapor Density (AIR = 1):	N.A.
Color:	Red	Vapor Pressure (mm Hg):	N.A.
Odor:	Mild	Solubility in Water:	Complete
Boiling Point:	N.A.	Specific Gravity (H <sub>2</sub> O):	1.15
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:	None
Flammability Limits in Air:	N.A.	Unusual Fire or Explosion Hazards:	None
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. This material is highly toxic by ingestion.		
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 - 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
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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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