

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-155**

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 Nitrite	7632-00-0	N.A.	N.A.	10%
Sodium Molybdate	7439-98-7	N.A.	10 mg/m3	10%
Borax Pentahydrate	1303-96-4	N.A.	N.A.	5%
Sodium Hydroxide	1310-73-2	N.A.	2 mg/m3	5%

SECTION III - Physical/Chemical Characteristics

Physical State:	Liquid	Vapor Density (AIR = 1):	N.A.
Color:	Straw Color	Vapor Pressure (mm Hg):	N.A.
Odor:	Slight	Solubility in Water:	Complete
Boiling Point:	N.A.	Specific Gravity (H ₂ O):	1.15
Melting Point:	N.A.	Evaporation Rate:	N.A.
pH	>10		

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: May evolve NOx under fire conditions.
Extinguishing Media: N.A.

SECTION V - Reactivity Data

Stability: Stable
Conditions to Avoid: Excessive heat in a confined vessel
Materials to Avoid: Strong Acids
Hazardous Decomposition Byproducts: In the event of combustion, CO, CO₂, Nox may be formed. Do not breathe smoke or fumes.
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 mild irritation to eyes and skin. Ingestion can cause kidney damage. Continued use may be fatal.
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:

INHALATION – Move exposed individual to fresh air. If individual experiences nausea, dizziness, difficult breathing seek health care immediately.
INGESTION – INDUCE VOMITING. Give water or milk first. 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.
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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