

# 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-100**

## 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>
Cyclohexamine	108-91-8	N.A.	10.0	10-15%
Morpholine	110-91-8	20.0	20.0	10-15%

## SECTION III - Physical/Chemical Characteristics

Physical State:	Liquid	Vapor Density (AIR = 1):	N.A.
Color:	Clear	Vapor Pressure (mm Hg):	N.A.
Odor:	Characterisite	Solubility in Water:	Complete
Boiling Point:	N.A.	Specific Gravity (H <sub>2</sub> O):	0.98
Melting Point:	N.A.	Evaporation Rate:	N.A.
pH	Over 12		

## SECTION IV - Fire and Explosion Hazard Data

Flash Point: > 100-140 F Fire Fighting Procedure: Wear self-contained breathing apparatus  
Flammability Limits in Air: N.A. Fire or Explosion Hazards: May generate explosive, flammable vapors  
Extinguishing Media: CO<sub>2</sub>, Dry chemical, or foam

## SECTION V - Reactivity Data

Stability: Stable  
Conditions to Avoid: Excessive heat in a confined vessel  
Materials to Avoid: Magnesium, Aluminum, Zinc, Strong oxidizers, Acids, Nitrites, Mineral acids  
Hazardous Decomposition Byproducts: Flammable vapors, Ammonia, CO, CO<sub>2</sub>, Aldehydes, Ketones, NO<sub>x</sub>  
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 skin sensitization. Inhalation may damage respiratory system.

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

## SECTION VIII- Accidental Release Measures

In case of Release or Spill: Contain spill for proper disposal.  
This material is a hazardous waste: Ignitability (D001) and 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: Chemical goggles recommended.  
Other Precautions: For industrial use only.  
Ventilation: Adequate to meet occupational exposure limits.

**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

**DISCLAIMER**

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond Patriot Industrial Technologies control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this MSDS. Various government agencies (e.g., DOT, EPA, FDA) may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this MSDS. The user should review these regulations to ensure full compliance.