

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME** : BWT ONE SHOT  
**PRODUCT TYPE** : Boiler water treatment

**COMPANY** : UNI AMERICAS L.L.C.  
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Slidell, Louisiana 70461  
United States of America  
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Emergency phone: 1-800-424-9300

Email Address: [orders@uniam.net](mailto:orders@uniam.net)

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

1. Sodium Hydroxide CASnr: 1310-73-2

**3. HAZARDS IDENTIFICATION**

**HUMAN HEALTH** : Corrosive to eyes and skin

**RISK CLASSIFICATION** : Corrosive

**ENVIRONMENTAL HAZARDS** : In diluted form the product will function as manure.

**4. FIRST AID MEASURES**

**INHALATION** : Remove to fresh air. Keep the patient calm. If the irritation remains seek medical advice.

**SKIN** : Wash the skin with water and soap.

**EYE** : Flush with large amounts of water. If the irritation remains seek medical advice.

**INGESTION** : Wash the mouth with water. If the patient does not quickly recover, call a Physician.

**5. FIRE FIGHTING MEASURES**

**FLASH POINT** : The product does not burn.

**SPECIFIC HAZARDS** : See under 9

**EXTINGUISHING MEDIA** : No limitations.

**6. ACCIDENTAL RELEASE MEASURES**

- CLEANING -UP** : Absorb spills in sand, earth or other inert material. Dispose of the material according to local regulations. Scrub contaminated surfaces with detergent solution.
- ENVIRONMENTAL PRECAUTION** : Thin before letting down into the environment.

**7. HANDLING AND STORAGE**

- HANDLING** : Use in well vented areas.
- STORAGE** : Keep in closed containers at ambient temperatures. Avoid freezing.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- MAK** : Not determined.
- PREVENTIVE MEASURES** : Clean contaminated clothing before re-use.
- PERSONAL PROTECTIVE EQUIPMENT** : Wear suitable protective clothing, eye protection and gloves.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- APPEARANCE** : Clear liquid
- ODOUR** : None
- FLASH POINT** : None
- BOILING POINT** : 100 °C
- DENSITY (20°C)** : 1.2
- SOLUBILITY** : Miscible with water, not miscible with organic solvents

**10. STABILITY AND REACTIVITY**

- STABILITY** : Stable min 2 years at ambient temperature if stored in closed container,
- REACTIVITY** : Avoid contact with acids.
- HAZARDOUS DECOMPOSITION PRODUCTS** : Thermal decomposition may yield the following:  
Hydrogen

**11. TOXICOLOGICAL INFORMATION**

Information given is based on knowledge of the constituents and the toxicology of similar substances.

<b>ORAL</b>	:	Slightly irritating, nausea
<b>SKIN CONTACT</b>	:	Corrosive
<b>EYE CONTACT</b>	:	Corrosive
<b>INHALATION</b>	:	Corrosive

**12. ECOLOGICAL INFORMATION**

Information given is based on knowledge of the constituents and the toxicology of similar substances.

The product is biodegradable. The product is not harmful to the aquatic environment. When diluted, the product will act as manure.

**13. DISPOSAL CONSIDERATIONS**

Dispose of according to local regulations. Contaminated product is to be regarded as chemical waste.

**14. TRANSPORT INFORMATION**

<b>UN-number</b>	:	1824
<b>ADR</b>	:	8.42b
<b>IMO</b>	:	8/11

**15. REGULATORY INFORMATION**

<b>EG</b>	:	011-002-01-3
<b>SYMBOL</b>	:	Corrosive
<b>R-PHRASES</b>	:	35
<b>S-PHRASES</b>	:	37-39, 2, 26, 27

**16. OTHER INFORMATION**

The information contained herein relates only to the specific material identified. Uniam believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Uniam urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.

January 1, 2009