

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : HARDNESS CONTROL
PRODUCT TYPE : Boiler water treatment

COMPANY : UNI AMERICAS L.L.C.
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Slidell, Louisiana 70461
United States of America
Phone: + (1) 985-643-1002 Fax: + (1)-985-643-1003
Emergency phone: 1-800-424-9300

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2. COMPOSITION/INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

HUMAN HEALTH : None

RISK CLASSIFICATION : None

ENVIRONMENTAL HAZARDS : Dilute with large amounts of water before letting down into the environment.

4. FIRST AID MEASURES

INHALATION : Remove to fresh air. If the patient does not quickly recover seek medical advice.

SKIN : Wash the skin with water.

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

INGESTION : Wash the mouth with water. Seek medical advice.

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** : Scoop up the spill. Dispose of the material according to local regulations. Scrub contaminated surfaces with detergent solution.
- ENVIRONMENTAL PRECAUTION** : Prevent contamination of soil and water.

7. HANDLING AND STORAGE

- HANDLING** : No specific precautions.
- STORAGE** : Keep in closed containers in a dry place at ambient temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE** : White powder
- ODOUR** : Neutral
- FLASH POINT** : None
- BOILING POINT** : Not applicable
- DENSITY (20°C)** : > 1.5
- 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** : Neutral
- HAZARDOUS DECOMPOSITION PRODUCTS** : Thermal decomposition may yield the following:
Phosphorous oxides, Sodium oxides

11. TOXICOLOGICAL INFORMATION

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

ORAL	:	LD50(rat) = 4000 mg/kg. Throat ache, stomach ache, diarrhoea, vomiting
SKIN CONTACT	:	Redness, pain
EYE CONTACT	:	Redness, pain
INHALATION	:	Throat ache, coughing, short of breath

12. ECOLOGICAL INFORMATION

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

The product is biodegradable. The product will swiftly and completely dissolve in water. 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

UN-number	:	Not regulated
ADR	:	Not regulated
IMO	:	Not regulated

15. REGULATORY INFORMATION

EG	:	
SYMBOL	:	None
R-PHRASES	:	None
S-PHRASES	:	None

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.

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