

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : BLEACH SUBSTITUTE
PRODUCT TYPE : Industrial cleaning product

COMPANY : UNI AMERICAS L.L.C.
57174 Hardin Road,
Slidell, Louisiana 70461
United States of America
Phone: + (1) 985-643-1002, Fax: + (1) 985-643-1003
Emergency phone: 1-800-424-9300

Email Address: orders@uniam.net

2. COMPOSITION/INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

HUMAN HEALTH : None

RISK CLASSIFICATION : None

ENVIRONMENTAL HAZARDS : None known.

4. FIRST AID MEASURES

INHALATION : Remove to fresh air.

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. Give 2 glasses of water to drink. 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** : Prevent contamination of soil and water.

7. HANDLING AND STORAGE

- HANDLING** : No specific precautions.
- 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)** : 1.1
- 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** : Can react with reducing agents
- HAZARDOUS DECOMPOSITION PRODUCTS** : Thermal decomposition may yield the following:
Carbon oxides

11. TOXICOLOGICAL INFORMATION

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

TOXICOLOGICAL DATA : LDLo (Human) > 2000 mg/kg

SKIN CONTACT : not known

EYE CONTACT : not known

INHALATION : not known.

12. ECOLOGICAL INFORMATION

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

The product is biodegradable

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.

January 1, 2009