

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : NCLT
PRODUCT TYPE : Cooling water treatment

COMPANY : UNI AMERICAS L.L.C.
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Slidell, Louisiana 70461
United States of America
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2. COMPOSITION/INFORMATION ON INGREDIENTS

1. Sodium Nitrite	CASnr: 7632-00-0
2. Surfactants and sequestering agents	Mixture

3. HAZARDS IDENTIFICATION

HUMAN HEALTH : Toxic when swallowed

RISK CLASSIFICATION : None

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

4. FIRST AID MEASURES

HUMAN HEALTH : Toxic when swallowed

RISK CLASSIFICATION : None

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

5. FIRE FIGHTING MEASURES

FLASH POINT : The product does not burn.

SPECIFIC HAZARDS : See under 9

EXTINGUISHING MEDIA : Water fog. Do not use dry powder based on salts of ammonium.

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. Thin before letting down into the environment.

7. HANDLING AND STORAGE

HANDLING	:	No specific precautions.
STORAGE	:	Keep in closed containers, frost free. Keep separated from acids and salts of ammonium.

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, sometimes hazy
ODOUR	:	None
FLASH POINT	:	None
BOILING POINT	:	100 °C
DENSITY (20°C)	:	1.2
SOLUBILITY	:	Miscible with water, not miscible organic solvents

10. STABILITY AND REACTIVITY

STABILITY	:	Stable min 2 years at ambient temperature if stored in closed container,
REACTIVITY	:	Reacts with acids, amines and salts of ammonium.
HAZARDOUS	:	Thermal decomposition may yield the following:
DECOMPOSITION PRODUCTS	:	Carbon monoxide, Carbon dioxide, Oxides of Nitrogen and Sodium oxide

11. TOXICOLOGICAL INFORMATION

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

ORAL	:	Stomach ache: see inhalation. LD50 (rat) = 340 - 720 mg/kg (sodium nitrite, calculated on the product).
SKIN CONTACT	:	The product can penetrate the skin. See inhalation.
INHALATION	:	Short of breath, headache, cyanosis, weakness.

12. ECOLOGICAL INFORMATION

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

The information stated below is to be taken on account of the solvent.

DAPHNIA : EC50: < 1 mg/l
FISH : EC50: < 1 mg/l

The product will float on water, adsorb to soil and thus not spread. 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.

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