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## 16. OTHER INFORMATION

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### NFPA Hazard Ratings:

Health: 0  
Flammability: 0  
Reactivity: 0  
Special Hazards: None known.

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The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, NCL of Wisconsin, Inc. makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgement in determining its appropriateness for a particular purpose. Accordingly, NCL of Wisconsin, Inc. will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

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END OF MATERIAL SAFETY DATA SHEET

## MATERIAL SAFETY DATA SHEET

NCL of Wisconsin, Inc.

P.O. Box 8

Biramwood, WI 54414

Emergency Telephone No: 800-424-9300 (Chemtrec)

PRODUCT NAME: 10 mg/L NO<sub>3</sub><sup>-</sup> - N STANDARD

Nitrogen concentration due to nitrate

CATALOG NUMBER: YSI-3886

Date of this revision: 08/01/2011

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### 1. CHEMICAL PRODUCT IDENTIFICATION

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Trade name: None.

Chemical Formula: Solution in water.

Formula CAS No: Not applicable.

Molecular Weight: Not applicable.

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### 2. COMPOSITION

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Component	CAS#	Approx %
Water	7732-18-5	>98
Potassium Nitrate	7757-79-1	<1
Magnesium Sulfate Heptahydrate	10034-99-8	<1
Gentamycin Sulfate	1405-41-0	<0.01

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### 3. HAZARD IDENTIFICATION

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Minimal contact, as with all chemicals, is a good policy to follow.

Routes of entry: Ingestion.

Carcinogenicity: This material is not listed (IARC, NTP, OSHA) as a cancer causing agent.

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### 4. FIRST AID MEASURES

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Ingestion: If swallowed, wash out mouth with water.

Inhalation: Remove to fresh air. Give artificial respiration if breathing has stopped.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin: Immediately flush skin with plenty of water. Get medical attention if irritation develops.

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#### 5. FIRE FIGHTING MEASURES

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Flash Point: Not Applicable.  
Flammable Limits (LEL): Not Applicable.  
Flammable Limits (UEL): Not Applicable.  
Fire: No special precautions required.  
Fire Extinguishing Media: Use any suitable means for surrounding materials.  
Explosion Hazards: Thermal decomposition may produce toxic fumes.

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#### 6. ACCIDENTAL RELEASE MEASURES

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Flush to sewer with water. Ensure compliance with Federal, State, and local regulations.

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#### 7. HANDLING AND STORAGE

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Keep in a tightly closed container, stored in a cool, dry, ventilated area. Avoid contact with eyes.

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#### 8. EXPOSURE CONTROLS

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Airborne Exposure Limits: None established for product.

Ventilation System: In general, dilution ventilation is a satisfactory health hazard control for this material. However, if conditions of use create discomfort to a worker, a local exhaust should be considered.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to mist exists, a dust/mist respirator may be worn. For emergencies, a self-contained breathing apparatus may be necessary.

Skin Protection: Rubber gloves and lab coat, apron or overalls.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Contact lenses should not be worn when working with this material.

Maintain eye-wash fountain and quick-drench facilities in work area.

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#### 9. PHYSICAL CHEMICAL PROPERTIES

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Appearance: Clear, colorless liquid.  
Odor: None.  
Solubility: Infinitely soluble in water.  
Boiling Point: Essentially the same as water.  
Melting Point: Essentially the same as water.  
Specific Gravity: 1.0  
Vapor Density (Air=1): Essentially the same as water.  
Vapor Pressure (mm Hg): Essentially the same as water.  
Evaporation Rate: Essentially the same as water.

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#### 10. STABILITY AND REACTIVITY

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Stability: Stable under ordinary conditions of use and storage.  
Hazardous Decomposition Products: When heated to decomposition, can emit toxic gases.  
Hazardous Polymerization: This substance does not polymerize.  
Incompatibilities: Concentrated acids, heavy metals, phosphites, organic compounds.

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#### 11. TOXICOLOGICAL INFORMATION

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No toxicity data for product.  
For 100% Potassium Nitrate (product contains <1%):  
    orl-rbt LD50: 2680 mg/kg

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#### 12. ECOLOGICAL INFORMATION

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None found.

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#### 13. DISPOSAL CONSIDERATIONS

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EPA Waste Number: None.  
Ensure compliance with Federal, State, and local regulations.

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#### 14. TRANSPORT INFORMATION

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DOT Shipping Name: Not Regulated.  
DOT Number: None.

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#### 15. REGULATORY INFORMATION

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The CAS numbers of all components of this solution are listed on the TSCA Inventory.