

MATERIAL SAFETY DATA SHEET  
NCL of Wisconsin, Inc.  
P.O. Box 8  
Birnamwood, WI 54414  
Emergency Telephone No: 800-424-9300 (Chemtrec)

PRODUCT NAME: BORIC ACID, 2% (w/v)  
NCL CATALOG NUMBER: B-13C  
Date of this revision: 10/03/2007

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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
Boric Acid	10043-35-3	2

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3. HAZARD IDENTIFICATION

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CAUTION! May be harmful if swallowed. May cause digestive tract irritation. May cause central nervous system depression. May cause kidney damage. Do not get in eyes, on skin or on clothing. 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, DO NOT induce vomiting unless directed to do so by medical personnel. Call a physician immediately.

Inhalation: Remove to fresh air. Give artificial respiration if breathing has stopped. Call a physician immediately.

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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Fire: Not considered to be a fire hazard.

Explosion: Not considered to be an explosion hazard.

Fire Extinguishing Media: Use any suitable means for extinguishing surrounding fire.

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#### 6. ACCIDENTAL RELEASE MEASURES

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Scoop up material and transfer to a plastic container and send to a RCRA-approved waste facility.

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 and skin. Avoid breathing mist.

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#### 8. EXPOSURE CONTROLS

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Airborne Exposure Limits: Not established for product.

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

Skin Protection: Rubber or neoprene gloves.

Eye Protection: Chemical safety goggles.

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: Potassium, acetic anhydride.

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#### 11. TOXICOLOGICAL INFORMATION:

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No toxicity data for product.

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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.

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#### 16. OTHER INFORMATION

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NFPA Hazard Ratings:

Health:	1
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