

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

PRODUCT NAME: B.O.D. STANDARD, 198 ppm
NCL CATALOG NUMBER: B-12D
Date of this revision: 09/12/2007

1. CHEMICAL PRODUCT IDENTIFICATION

Trade name: Glucose-glutamic acid standard.
Chemical Formula: Solution in water.
Formula CAS No: Not applicable.
Molecular Weight: Not applicable.

2. COMPOSITION

Component	CAS#	Approx %
Water	7732-18-5	>99
Glucose	50-99-7	<0.5
Glutamic acid	56-86-0	<0.5

3. HAZARD IDENTIFICATION

Do not get in eyes. Minimal contact, as with all chemicals, is a good policy to follow.
Routes of entry: Ingestion, inhalation.
Carcinogenicity: This material is not listed (IARC, NTP, OSHA) as a cancer causing agent.

4. FIRST AID MEASURES

Ingestion: None normally required.
Inhalation: None normally required.
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.
Skin: None required.

5. FIRE FIGHTING MEASURES:

Flash Point: Not Applicable.
Flammable Limits (LEL): Not Applicable.
Flammable Limits (UEL): Not Applicable.
Fire: Use any suitable means for surrounding materials.
Explosion Hazards: None known.

6. ACCIDENTAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

Keep in a tightly closed container. Avoid contact with eyes.

8. EXPOSURE CONTROLS

Airborne Exposure Limits: None established.
Ventilation System: None required.
Skin Protection: Rubber gloves.
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.

9. PHYSICAL CHEMICAL PROPERTIES

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.

10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products: None known.
Hazardous Polymerization: This substance does not polymerize.
Incompatibilities: None known.

11. TOXICOLOGICAL INFORMATION:

No toxicity data for product.

12. ECOLOGICAL INFORMATION

None found.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

NFPA Hazard Ratings:

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

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END OF MATERIAL SAFETY DATA SHEET