

MATERIAL SAFETY DATA SHEET
NCL of Wisconsin, Inc.
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Emergency Telephone No: 800-424-9300 (Chemtrec)

PRODUCT NAME: FLUORIDE STANDARD, 0.50 mg/l
NCL CATALOG NUMBER: F-34E
Date of this revision: 04/05/2007

1. CHEMICAL PRODUCT IDENTIFICATION

Trade name: None.
Chemical Formula: Not applicable.
Formula CAS No: Not applicable.
Molecular Weight: Not applicable.

2. COMPOSITION

Component	CAS#	Approx%
Water	7732-18-5	>99
Sodium Fluoride	7681-49-4	<1

3. HAZARD IDENTIFICATION

Do not get in eyes, on skin or on clothing. Remove and wash contaminated clothing before re-use. 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 required.
Inhalation: None 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: Wear self-contained breathing apparatus and protective clothing.
Fire Extinguishing Media: Use any suitable means for surrounding materials.
Explosion Hazards: Thermal decomposition yields highly toxic fumes.

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, stored in a cool, dry, ventilated area. Avoid contact with eyes.

8. EXPOSURE CONTROLS

Airborne Exposure Limits:

None established.

Ventilation System: None required.

Skin Protection: Rubber or neoprene 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: When heated to decomposition, can emit toxic gases.

Hazardous Polymerization: This substance does not polymerize.

Incompatibilities: Contact with oxidizers, and halogen compounds, such as bromine trifluoride, chlorine trifluoride, and fluorine perchlorate.

11. TOXICOLOGICAL INFORMATION:

No toxicity data for product.

For 100% Sodium Fluoride (product contains <1%):

 orl-rat LD50: 52 mg/kg

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