

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

PRODUCT NAME: EDTA TITRANT, 0.02 M
NCL CATALOG NUMBER: E-9
Date of this revision: 08/22/2007

1. CHEMICAL PRODUCT IDENTIFICATION

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

2. COMPOSITION

Component	CAS#	Approx %
Water	7732-18-5	>99
Ethylenediaminetetraacetic acid, disodium salt	6381-92-6	<1

3. HAZARD IDENTIFICATION

None found. Minimal contact, as with all chemicals, is a good policy to follow.
Routes of entry: Ingestion, inhalation.
Carcinogenicity: None of the ingredients of this mixture are listed

4. FIRST AID MEASURES

Ingestion: Give large quantities of water and call a physician.
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.

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 produces toxic fumes.

6. ACCIDENTAL RELEASE MEASURES

Evacuate area of non-essential personnel.
Eliminate ignition sources.
Scoop up material and transfer to a container for proper disposal.
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 and skin.

8. EXPOSURE CONTROLS

Airborne Exposure Limits:
None established for product.
Ventilation System: Local ventilation is usually sufficient when handling this material.
Skin Protection: Rubber or neoprene gloves.
Eye Protection: Use chemical safety goggles. 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: None found.

11. TOXICOLOGICAL INFORMATION:

No toxicity data for product.
For 100% Ethylenediaminetetraacetic acid, disodium salt (product contains <1%):
Mutagenic effects cited in RTECS.

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