

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

PRODUCT NAME: ERIOCHROME BLACK T MIXTURE (1% with NaCl)
NCL CATALOG NUMBER: E-50
Date of this revision: 10/10/2007

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 %
Sodium Chloride	7647-14-5	99
Eriochrome Black T	1787-61-7	1

3. HAZARD IDENTIFICATION

None known.
Routes of entry: Ingestion, inhalation, skin contact.
Carcinogenicity: This material is not listed (IARC, NTP, OSHA) as a cancer causing agent.

4. FIRST AID MEASURES

Ingestion: If swallowed wash out mouth with water, provided person is conscious. 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 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. Avoid breathing dust.

8. EXPOSURE CONTROLS

Airborne Exposure Limits: None established for product.

Ventilation System: This material should be handled or transferred in a fume hood or equivalent ventilation.

Skin Protection: Rubber gloves may be worn to prevent skin contact.

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: Light purple to grey powder or small granules.

Odor: None.

Solubility: Moderately soluble in water.

Boiling Point: 1413 C.

Melting Point: 801 C.

Specific Gravity: 2.2

Vapor Density (Air=1): 1.56

Vapor Pressure (mm Hg): 1.865 C

Evaporation Rate: N/A

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: Lithium metal, bromine trifluoride, oxidizers, reducing agents.

11. TOXICOLOGICAL INFORMATION:

No toxicity data for product.

For Sodium Chloride:

orl-rat LD50: 3000 mg/kg

Mutagenic and reproductive effects cited.

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