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ALDEN LEEDS, INC. PRODUCT CODE # 2012,2705-2707, 2010 MATERIAL  
55 JACOBUS AVE. PRODUCT NAME: COPPER ALGAECIDE SAFETY DATA  
S. KEARNY, NJ 07032 LIQUID WINTERIZING 7, COPPER 7 SHEET  
(973) 589-3544 2/7/08  
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**SECTION I - IDENTIFICATION**

**SYNONYMS:** Chelated Copper / Copper Triethanolamine Complex  
**CHEMICAL FAMILY:** Copper Alkanolamine  
**TRADE NAME:** Nuclio, Ortex, or Private Label Copper 7, and Liquid Winterizing 7 Algaecide  
**DESCRIPTION:** Dark blue liquid with a slight ammoniac odor  
**CAS NO.** 7758 - 98 -7 (copper sulfate)  
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**SECTION II - PHYSICAL DATA**

**Boiling Point:** 212 F **Vapor Pressure (mmHg):** 17mm  
**Percent Volatile (by wt.):** 40 % **Evaporation Rate Butyl Acetate=** 1 less than 1  
**Solubility In Water:** Miscible **Specific Gravity: (H2O=1)** 1.16  
**Extinguishing Media:** N/A **Vapor Density (Air =1):** 3.5  
**% Copper as Elemental:** 2.5- 7%  
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**SECTION III - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** N/A  
**Flammable Limits in Air % By Volume:** N/A  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None  
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**SECTION IV -REACTIVITY DATA**

**Stability:** Stable **Hazardous Polymerization:** Will not occur  
**Incompatibility:(Material to Avoid)** Do not mix with strong alkaline material which will precipitate copper.  
**Hazardous Decomposition Products:** None  
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**\*SECTION V - HEALTH HAZARD DATA**

**Permissible Exposure Level:** None established by OSHA or ACGIH  
**Effects of Overexposure:** Skin and eye - Some irritation.  
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**SECTION VI - EMERGENCY AND FIRST AID PROCEDURES**

**Eyes:** Flush promptly with plenty of water. Get medical attention if irritation persists.  
**Skin:** Wash with plenty of water. Get medical attention if persists.  
**Ingestion :** Give large amounts of milk or water. Induce vomiting. Call Poison Control Center or a physician.  
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**SECTION VII - SPILL AND DISPOSAL PROCEDURES**

**Steps to be taken in case material is released or spilled:** Comply with Federal State and local regulations on reporting spills. Confine solution and react with soda ash to form an insoluble Copper Carbonate Solid that can be scooped up.  
**Waste Disposal:** Do not reuse container. Comply with Federal State and local regulations. Sweep up crystals, powder or insoluble Copper Carbonate and dispose of in an approved landfill.  
**Environmental Effects:** May be dangerous if it enters the public water systems. Follow local regulations. Toxic to fish and plants.  
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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** None **Ventilation:** Normal  
**Protective Gloves:** Optional **Eye Protective Equipment:** None

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**CHEMICAL NAME:** Copper Chelated Copper/Triethanolamine Complex  
**TRADE NAME:** Copper Algaecide, Liquid Winterizing 7 Nucllo, Ortex or Private label

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**SECTION IX - SPECIAL PRECAUTIONS DATA**

**Storage:** Store in a dry place.

**Other Precautions:** None

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**SECTION X- REGULATORY INFORMATION**

THIS PRODUCT CONTAINS COPPER SULFATE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 13 OF THE EMERGENCY PLANNING AND COMMUNITY - RIGHT - TO - KNOW - ACT 1986 (40 CFR372). US REGULATIONS: (SARA 313 INFORMATION) SARA HAZARD CATEGORY: THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES" PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TILE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORY: AN IMMEDIATE HEALTH HAZARD.

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**SECTION XI - TRANSPORTATION INFORMATION**

This product is not regulated by the DOT as a hazardous material. For all transportation accidents, call **CHEMTREC** at 800-424-9300.

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The information herein is given in good faith but no warranty, expressed or implied, is made.

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55 JACOBUS AVE. SO. KEARNY, NJ 07032  
23 HOUR EMERGENCY PHONE : CHEMTREC 800-424-9300