

ALDEN LEEDS, INC.
55 JACOBUS AVE.
S. KEARNY, NJ 07032
(973) 589-3544

PRODUCT CODE # 2711-2712/4
PRODUCT NAME: WINTER POWDER

MATERIAL
SAFETY DATA
SHEET
10/20/04

SECTION I - IDENTIFICATION

SYNONYMS: Copper Sulfate, Pentahydrate
CHEMICAL FAMILY: Copper salts
TRADE NAME: Nuclio, Ortex, or Private Label Winter Powder
DESCRIPTION: Globular powder with no odor.
CAS NO. 7758 -98-7 (copper sulfate)

SECTION II - PHYSICAL DATA

Boiling Point: loses 5H₂O @ 150 F
% Volatile by weight: 35 %
Solubility In Water: 22.37% @ 0 C
% Copper as Elemental: 6.24%

Vapor Pressure (mmHg): loses 2H₂O @ 30 C
Evaporation Rate: Slowly efflorescent
Specific Gravity (H₂O=1): 2.29
Vapor Density (Air =1): 3.5

SECTION III - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A
Flammable Limits: N/A
Extinguishing Media: N/A
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

SECTION IV - HEALTH HAZARD DATA

Permissible Exposure Level: None established by OSHA or ACGIH
Effects of Overexposure: Skin and eye - Some irritation.

SECTION V - 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 by placing finger to the back of throat. Call Poison Control Center or a physician.

SECTION VI - REACTIVITY DATA

Stability: Stable
Incompatibility (materials to avoid): Do not mix with strong alkaline material which will precipitate copper.
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

SECTION VII - SPILL, LEAKAGE & DISPOSAL PROCEDURES

Steps to take if material leaks or spills: Comply with Federal State and local regulations on reporting spills. Do not wash away crystals or powder. Recover dry if possible.
Waste disposal method: Do not reuse container. Comply with all 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.

SECTION VIII - SPECIAL PROTECTION DATA

Ventilation: Normal
Respiratory Protection: None
Eye Protection: None

Protective Gloves: Optional

CHEMICAL NAME:

Copper Sulfate Pentahydrate

TRADE NAME: Winter Powder Generic,

Nuclio, Ortex or Private Label

SECTION IX - SPECIAL PRECAUTIONS DATA

Storage: Store in a dry place.

Other Precautions: None

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.

SECTION XI - TRANSPORTATION INFORMATION

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

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
EMERGENCY PHONE : CHEMTREC 800-424-9300