

2 EXECUTIVE PARK DRIVE, BILLERICA, MA 01862
EMERGENCY MEDICAL INFORMATION 888.779.1339
FOR INFORMATION 800.323.2251 Effective date: 9/1/2000

Material Safety Data Sheet

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Print date: 6/9/2005

NFPA: Health 1, Fire 0, Reactivity 0

HMIS: Health 1, Flammability 0, Physical Hazard 0

1. INGREDIENTS: (%w/w, unless otherwise noted)

<u>CHEMICAL NAME:</u>	<u>CAS #</u>
Sodium Chloride	07647-14-5
Calcium Chloride	10043-52-4
Magnesium Chloride	07786-30-3
Potassium Chloride	07447-40-7

2. PHYSICAL DATA:

MELTING POINT:	N/A
BOILING POINT:	N/A
VAPOR PRESSURE	N/A
VAPOR DENSITY	N/A
SPECIFIC GRAVITY	1.988
SOLUBILITY IN WATER	Complete
EVAPORATION RATE	N/A
APPEARANCE	White crystalline material
ODOR	None

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
EXTINGUISHING MEDIA:	N/A
FIRE & EXPLOSION HAZARDS:	None
FIRE-FIGHTING EQUIPMENT:	Wear positive pressure self-contained breathing apparatus.

4. REACTIVITY DATA:

PRODUCT STABILITY:	Stable
CHEMICAL INCOMPATIBILITY:	Hot nitric acid
HAZARDOUS DECOMPOSITION PRODUCTS:	None
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	Avoid contact with strong acids
CORROSIVE TO METAL:	Mildly corrosive to metals in the presence of moisture
OXIDIZER:	N/A

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ENVIRONMENTAL TOXICITY DATA:	N/A
SPILL OR LEAK PROCEDURES:	Sweep up dry and place in a suitable container. Wash area with water.
WASTE DISPOSAL METHOD:	Sanitary landfill. Dispose in compliance with local regulations.
CONTAINER DISPOSAL:	N/A

6. HEALTH HAZARD DATA:

EYES: May cause severe irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

SKIN CONTACT: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp and/or abraded, or if material is confined to skin. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The LD50 for skin absorption in rabbits is >5000 mg/kg.

INGESTION: Single dose oral toxicity is low. The oral LD50 for rats is 1100-1600 mg/kg. Ingestion may cause gastrointestinal irritation or ulceration. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause vomiting, diarrhea, and prostration.

INHALATION: Vapors are unlikely due to physical properties. Dust may cause irritation to upper respiratory tract.

SYSTEMIC (other target organ) EFFECTS: The components of this product are not listed by IARC, NTP, or OSHA as a carcinogen for hazard communication purposes.

MUTAGENICITY (effects on genetic material): Results of in vitro (test tube) mutagenicity tests have been negative.

7. FIRST AID:

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN: Wash off in flowing water or shower. Get medical advice if irritation develops.

INGESTION: If large amounts were swallowed, get medical advice. Do not induce vomiting. Give large amounts of water or milk if available and transport to medical facility.

INHALATION: Remove to fresh air if effects occur. Consult medical personnel.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

8. HANDLING PRECAUTIONS:

VENTILATION: Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION: Dust mask if dust is produced when used

PROTECTIVE CLOTHING: If deemed necessary, wear protective gloves and clean body-covering clothing.

EYE PROTECTION: Where there is reasonable probability of eye contact, wear safety glasses.

OTHER PRECAUTIONS: None

9. SHIPPING DATA:

D.O.T. PROPER SHIPPING NAME:	N/A
HAZARDOUS SUBSTANCE 49CFR CERCLA:	N/A
D.O.T. HAZARD CLASS	N/A
D.O.T. LABELS REQUIRED	N/A
D.O.T. PLACARDS REQUIRED	N/A
BILL OF LADING DESCRIPTION	White Lightning

10. SUPPLIER INFORMATION:

Manufacturer expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Triple S makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Triple S' control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.