

635 SOUTH ELMWOOD AVENUE
P.O. BOX 4076
DAVENPORT, IOWA 52808
EMERGENCY PHONE 563-324-3381
NFPA: Health 1, Fire 0, Reactivity 0

Material Safety Data Sheet

Effective date: 8/1/1999

Page 1 of 3
Print date: 2/4/2002

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

CHEMICAL NAME:

Sodium Chloride
Calcium Chloride, Flake
Magnesium Chloride
Accelerating Agents

CAS#:

07647-14-5
10043-52-4
07786-30-3
N/A

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	Blue/green 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

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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. DOT classification: Non-corrosive.

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 injury.

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.

INGESTION: 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.

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Page 3 of 3
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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: Cotton gloves

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	Triple Melt®

10. SUPPLIER INFORMATION:

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