



Material Safety Data Sheet

Updated 6/10/10

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Commercial Name: Mighty Melt Blue Ice Melting Compound

Contains a proprietary blend of Sodium Chloride, Magnesium Chloride, Corrosion Inhibitor & Blue Color Blend.

Distributed By



2. COMPOSITION/INFORMATION ON INGREDIENTS

Description

Blue crystalline solid.

Ingredient Name

Sodium Chloride
Magnesium Chloride
Corrosion Inhibitor
Colorant

CAS Number

CAS# 7647-14-5
CAS# 7786-30-3
CAS# N/A
CAS# Proprietary

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS Health: 1, Flammability: 0, Reactivity: 0, Protective Equipment: A

Potential Health Effects

Route(s) Of Entry: Ingestion, skin/eye contact, inhalation.

Human Effects and Symptoms of Overexposure:

Acute Inhalation: Irritation of the respiratory tract.

Acute Skin Contact: Brief Contact is non-irritating. Large amounts can cause irritation and if applied to damaged skin, absorption can occur with effects similar to those via ingestion.

Acute Eye Contact: Irritation with burning and tearing (salt concentrations greater than the normal saline present).

Acute Ingestion: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk. Can result in gastrointestinal irritation and may cause vomiting and/or diarrhea.

Carcinogenicity

NTP: Not listed as a carcinogen or mutagen.

IARC: Not listed as a carcinogen or mutagen.

OSHA: Not listed as a carcinogen or mutagen.

Medical Conditions Aggravated by Exposure: In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

4. FIRST AID MEASURES

First Aid For Eyes: For eye contact, flush with water immediately, lifting eyelids occasionally.

First Aid For Skin: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully.

First Aid For Inhalation: If person breathes large quantities, remove to fresh air at once. If breathing stops, apply artificial respiration immediately.

First Aid For Ingestion: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk. Obtain medical attention.

5. FIRE AND MEASURES

Flash Point: N/A

Extinguishing Media: N/A. This product is nonflammable.

Special Fire Fighting Procedures: N/A.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into containers for proper disposal.

7. HANDLING AND STORAGE

Storage Temperature (min./max.): Avoid humid or wet conditions as product will cake and become hard.

Special Sensitivity: Avoid contact with strong acids.

Handling and Storage Precautions: Becomes hygroscopic at 70% Relative Humidity

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection Requirements: Eyeglasses or goggles should be worn in dusty areas.

Skin Protection Requirements: Protective clothing may be worn in dusty areas, but is generally not required.

Respiratory/Ventilation Requirements: NIOSH/MSHA approved respirator for particulates.

Exposure Limits: Not listed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Blue crystalline solid with slight halogen odor.

Color: Blue crystalline solid

Odor: Halogen odor

Boiling Point (760mm Hg) (oC): 760 mm Hg. 1465 degrees C.

Melt Point/Freeze Point (oC): 801 degrees C.

PH: 6.7 - 7.3

Solubility In Water (g/cc, %): 26.4%

Specific Gravity (H2O=1): 2.16 (H2O)

Bulk Density: 53-83 Lbs/Ft3

% Volatile By Weight: N/A

Vapor Pressure (mm Hg/747oC): = 2.4

Vapor Density (Air=1): (Air=1) N/A

10. REACTIVITY

Stability: Stable

Incompatibilities: Avoid contact with strong acids. Becomes corrosive to metals when wet.

Decomposition Products: May evolve chlorine gas when in contact with strong acids.

11. TOXICOLOGICAL INFORMATION

Description: Not Listed

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not Listed.

Environmental Degradation: Not Listed.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Follow applicable Federal, state and local regulations.

14. TRANSPORTATION INFORMATION

D.O.T. Shipping Name: Not Listed

Technical Shipping Name: Not Listed

D.O.T Hazard Class: Not Listed

U.N./N.A. Number: Not Listed

Product Rq (lbs.): N/A

D.O.T. Label: Not Listed

D.O.T. Placard: N/A

Freight Class Bulk: N/A

Freight Class Package: N/A

Product Label: N/A

15. REGULATORY INFORMATION

OSHA Status: Not Listed

TSCA Status: Listed as non hazardous.

Cercla reportable Quantity

SARA Title III

Section 302 Extremely

Hazardous Substances: Not Listed

Section 311/312

Hazard categories: Not Listed

Section 313

Toxic Chemicals: Not Listed

RCRA Status: Not Listed

HMIS: 1 0 0 A

16. OTHER INFORMATION

Disclaimer: All statements, technical information and recommendations contained herein are, the best of our knowledge, reliable and accurate; however no warranty, either expressed or implied is made with respect thereto, nor will any liability be assumed for damages resultant from the use of the material described.

It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. It is also the responsibility of the user to maintain a safe workplace. The user should consider the health hazards and safety information provided herein as a guide and should take the necessary steps to instruct employees and to develop work practice procedures to ensure a safe work environment.

This information is not intended as a license to operate under, or a recommendation to practice or infringe upon any patent of this Company or others covering any process, composition of matter or use.

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GRADE**

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ICE MELTER

Sodium Chloride Blend Coated with Liquid Magnesium

- Melts Quickly & Effectively to 0° F
- Blue Coloring to Prevent Overspreading
- Spreads Evenly for Maximum Coverage
- Safer on Concrete, Vegetation & Pets
- Contains Corrosion Inhibitor

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