

1. Identification:**Recommended Use:** Ice Melt**Producer / Distributor**

Needels Supply

444 Wacouta Street

St. Paul, MN 55101

Telephone Number for Information: 651-227-8331**Emergency Telephone Number:** 651-227-8331**2. Hazard Identification:****Classification:****Health Class**

Mild Skin Irritation Category 2

Eye Irritant Category 3

Specific Target Organ Toxicity - Repeated Exposure Category 2

Physical Class Environment Class**Label****Symbols****Signal Word: Warning****Hazard Statements:**

Causes mild skin irritation.

Causes eye irritation.

May cause damage to central nervous system, liver, and/or kidneys through prolonged or repeated exposure.

Precautionary Statements:

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash hands thoroughly after handling.

If skin irritation occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

Get medical attention if you feel unwell.

Dispose of contents in accordance with local regulations.

3. Composition/Information on Ingredients

Ingredient	CAS Number	Percent by Weight
Calcium Chloride	10043-25-4	10 - 30
Sodium Chloride	7647-14-5	60 - 100
Potassium Chloride	7447-40-4	
Strontium Chloride	10476-85-4	
Water	7732-28-5	

4. First-Aid Measures:**Ingestion:** If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person.**Eye Contact:** Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention.**Skin Contact:** Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.**Inhalation:** Move to fresh air.**5. Fire Fighting Measures:****Suitable Extinguishing Media:** None**Special Fire Fighting Procedures:** Self Contained breathing apparatus**Unusual Fire and Explosion Hazards:** Not Known**6. Accidental Release Measures:**

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum.

Thoroughly rinse affected area with water.

7. Handling and Storage:**Handling:** Keep from freezing. Keep out of reach of children. Do not store near high oxidizers or flames, parks or open flames**Storage:** Maintain Temperature Minimum 40°F (6°C) - Maximum 110°F (43°C)

8. Exposure Controls / Personal Protection:**Exposure limits:****Ingredients**

Calcium Chloride
Sodium Chloride
Potassium Chloride

CAS Number

10043-25-4
7647-14-5
7447-40-4

Osha PEL

15mg/m3
5mg/53
10mg/m3

ACGIH TLV

15mg/m3
5mg/53
10mg/m3

Exposure controls:

Engineering Controls: Normal good ventilation is sufficient normal exhaust

Personal Protection Equipment:

Eye Protection: Approved Safety Goggles or Glasses

Skin Protection: Chemical Resistant Rubber Gloves

Respiratory Protection: Not required, Avoid breathing spray mist

9. Physical and Chemical Properties:

Physical State: Granular

Appearance: White to off white, solid pellets, power or briquettes

Odor: No Odor

Solubility: Very Soluble

Evaporation Rate: NA

Vapor Pressure (MM HG): .009

Vapor Density (Air = 1): NA

pH:

Specific Gravity (H2O = 1): 2.2

Flammability: Not Known

Flash Point: 212° F (100°C) (NK)

Boiling Point: 1500° F (816°C)

%volatile: 81%

10. Stability and Reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: None are known, do not mix with other chemicals

Incompatibility (Materials to Avoid): With sulphuric acid yields hydrogen Chloride gas, with water generates considerable heat. Metals slowly corrode in aqueous calcium Chloride Solutions

Hazardous Decomposition or By-products: NA

Hazardous Polymerization: Will not Occur

Conditions to Avoid: Keep from Freezing

11. Toxicological Information:

Signs and Symptoms of Overexposure: Causes irritation on contact

Eye Contact: Causes irritation on contact

Skin Contact: Causes mild irritation on prolonged or repeated contact

Inhalation: None Known

Ingestion: May be harmful if swallowed

Target Organ Effects: Central nervous system, Liver, Kidneys

Chronic Effects: May cause damage to central nervous system, liver, and/or kidneys through prolonged or repeated exposure.

Acute Toxicity Values:

Oral LD = > 5000 mg/kg

Dermal LD = > 5000 mg/kg

Inhalation (Vapor) LC 5 0 = Vapors Considered Non

12. Ecological Information:

Persistence and Degradability: Not Available

Bio Accumulative Potential: Not Available

Mobility in Soil: Not Available

Aquatic Toxicity: Not Available

13. Disposal Considerations:

Follow all existing pollution control ordinances. Drain with water, Keep from drinking water

14. Transportation Information:

UN Number: None

Shipping Name: Ice Melt

Transport Hazard Class: None

Packing Group: None

Marine Pollutant: NO

15. Regulatory Information:

TSCA Status: All ingredients listed

Clean Water Act: Calcium Chloride (10043-52-4) Sodium Chloride (7647-14-5) Potassium Chloride (7447-40-7)

None of the chemicals in this product are listed under the CWA

Clean Air Act: listed as a hazardous air pollutant (HAP)

CERCLA Reportable Quantity: None

Section 302 Extremely Hazardous Chemicals: None Listed

Section 311 / 312 Hazard Category: Immediate Health

Section 313 Toxic Chemicals: Calcium Chloride (10043-52-4) Sodium Chloride (7647-14-5) Potassium Chloride (7447-40-7)

State Regulations: None

International Regulations: WHMIS Controlled Product Hazard Class: D2B

16. Other Information:

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Telephone Number: 651-227-8331

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