

SIZZLE Ice Melter

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Chemical Product Name	Sodium Chloride
Chemical Family	Alkali Metal/Halide
Chemical Name	Sodium Chloride
Formula	NaCl
Molecular Weight	58.44
Commercial Name	SIZZLE Ice Melter
Manufacturer	Emergency Telephone Numbers
Crystal Visions, Inc. PO Box 95 Eola, IL 60519	847-340-4851

2. COMPOSITION/INFORMATION ON INGREDIENTS

Description

Lavender crystalline granules.

Ingredient Name	CAS Number	Concentration (%)
Sodium Chloride NaCl	7647-14-5	85 – 97
Calcium Chloride CaCl ₂	10043-52-4	5 – 15
Magnesium Chloride MgCl ₂	7786-30-3	0.1 – 2
Polysacchride w/ Corrosion Inhibitor	Proprietary	0.1 – 2
Polymeric Colorant	Proprietary	< 1

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

Potential Health Effects

Routes of Entry:

- Eye contact:** Product may cause corneal injury or severe eye irritation.
- Skin contact:** Short term contact is not irritating. Extended contact may result in skin irritation. This is increased when the skin is cut, scratched, or damp.
- Inhalation:** Product dust may cause nose and – or throat irritation. Symptoms may include dryness, sore throat, and – or coughing.
- Ingestion:** Product has low toxicity if swallowed in small quantities. Swallowing large quantities may result in gastrointestinal irritation and may lead to vomiting and – or diarrhea. Salt LD50 (rat) = 3,000 mg/kg, CaCl₂ LD50 (rat) = 1,000 mg/kg

SIZZLE -- Ice Melter

1

SIZZLE Ice Melter

Carcinogenicity

NTP: Not listed as carcinogen or mutagen.

IARC: Not listed as carcinogen or mutagen.

OSHA: Not listed as 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. If present, remove contact lenses. Seek medical attention if irritation persists.

First Aid for Skin: Remove clothing from affected area. Wash skin thoroughly and rinse carefully. Seek medical attention if irritation persists

First Aid for Inhalation: If person breathes large quantities, remove to fresh air at once. Seek medical attention for any breathing difficulty. 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.

5. FIRE AND EXPLOSION MEASURES

Flash Point: N/A

Extinguishing Media: N/A. This product is nonflammable. Use media suitable for surrounding fire.

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 crust and lose color.

Special Sensitivity: Avoid contact with strong acids and strong oxidizing agents.

Handling and Storage Precautions: Becomes hygroscopic at 70% humidity.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Skin Protection Requirements: Protection 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.

SIZZLE Ice Melter

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Crystalline granules and white pellets.

Color: Lavender and off white.

Odor: Halogen odor.

Boiling Point (760mm Hg) (°C): 1465 (2575.5°F)

Melting Point/Freezing Point (°C): 801 (1473.8°F)

pH: 6.7 – 7.4

Solubility in Water (%): 100

Specific Gravity (H₂O = 1): 2.16

Bulk Density (lbs. /ft³): 65-83

% Volatile by Weight: N/A

Vapor Pressure (mm Hg/747°C): 2.5

Vapor Density (Air=1): N/A

10. REACTIVITY

Stability: Stable

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

Decomposition Products: May produce 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 waste management regulations.

14. TRANSPORTATION INFORMATION

D.O.T. Shipping Name: Not a D.O.T. controlled material.

15. REGULATOR INFORMATION

OSHA Status: Not listed.

TSCA Status: Listed as non-hazardous.

16. OTHER INFORMATION

Reason for Issue: Regulatory compliance.

SIZZLE Ice Melter

Created: 2015

Disclaimer: All statements, technical information and recommendations contained herein are, to 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.