

## Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Chemical Product Name</b>	Sodium Chloride
<b>Chemical Family</b>	Alkali Metal/Halide
<b>Chemical Name</b>	Sodium Chloride
<b>Formula</b>	NaCl
<b>Molecular Weight</b>	58.44
<b>Commercial Name</b>	<b>SIZZLE Professional Ice Melter</b>
<b>Distributor</b>	<b>Emergency Telephone Numbers</b>
1st Ayd Corporation 1325 Gateway Drive Elgin, IL 60124 847-622-0001	800-255-3924

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Description**

Lavender crystalline granules.

<b>Ingredient Name</b>	<b>CAS Number</b>	<b>Concentration (%)</b>
Sodium Chloride NaCl	7647-14-5	85 – 97
Calcium Chloride CaCl <sub>2</sub>	10043-52-4	5 –15
Magnesium Chloride MgCl <sub>2</sub>	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, CaCl<sub>2</sub> LD50 (rat) = 1,000 mg/kg

**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.

**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 (H<sub>2</sub>O = 1):** 2.16

**Bulk Density (lbs. /ft<sup>3</sup>):** 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 Professional Ice Melter**

**Created:** 2015

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