

# Bagged Royal Blue Rock Salt Ice Melt

## Material Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

<b>Chemical Product Name</b>	Sodium Chloride (Rock Salt)
<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>Bagged Rock Salt</b>
<b>Manufacturer</b>	<b>Emergency Telephone Numbers</b>
Crystal Visions 125 Shelter Road Lincolnshire, IL 60069	847-340-4851

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### Description

Royal Blue crystalline granules.

Ingredient Name	CAS Number	Concentration (%)
Sodium Chloride NaCl	7647-14-5	95 -- 99
Polysacchride (ANTI-CAKING)	Proprietary	0.1 – 3
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. NaCl LD50 (rat) =3,000 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.

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## 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 cake and become hard.
- Special Sensitivity:** Avoid contact with strong acids and strong oxidizing agents.
- Handling and Storage Precautions:** Becomes hygroscopic at 75% 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.
- Color:** Off white to opaque.
- Odor:** Slight.
- Boiling Point (760mm Hg) (°C):** 1465 (2575.5°F)
- Melting Point/Freezing Point (°C):** 801 (1473.8°F)
- pH:** 6.7 -10.0
- 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):** N/A
- Vapor Density (Air=1):** N/A

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## 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 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.

**Created:** 2015

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