



**THE KISSNER GROUP**  
 148 Manitou Drive  
 Kitchener, Ontario N2C 1L3  
 1 (800) 434-8248 • (519) 279-4860  
 Fax: (877) 434-8250



# SAFETY DATA SHEET

## Section 1: Product Identification

**Product Name** Ice Patrol Blue  
**Identified Uses** Melt Snow and Ice  
**Supplier's Details** The Kissner Group  
 148 Manitou Drive  
 Kitchener, Ontario, Canada N2C 1L3  
**Phone Number** (519) 279-4860  
**Emergency Contact (24 Hrs)** (613) 996-6666 CANUTEC

## Section 2: Hazard Identification

**Classification (GHS)** Not Classified  
**GHS Labelling** No Labelling applicable  
**Hazard symbol** None.  
**Signal word** None.  
**Hazard statement** The product and/or mixture does not meet the criteria for classification.  
**Precautionary statement**  
**Prevention** Observe good industrial hygiene practices.  
**Response** Wash hands after handling.  
**Storage** Store away from incompatible materials, i.e, strong oxidizing agents  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.

## Section 3: Composition/Information On Ingredients

Ingredients	Percentage	CAS. NO.	Classification
Sodium Chloride	>98%	7647-14-5	Not Classified
Product may contain color indicator			

## Section 4: First-Aid Measures

**Description of First Aid Measures**

**General** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

**Inhalation** If dust from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.

**Skin Contact** Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye Contact** Rinse with water. Get medical attention if irritation develops and persists.



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**Ingestion**

Give one or two glasses of water if patient is alert and able to swallow. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**

Direct contact with eyes may cause temporary irritation.

**Indication of immediate medical attention and special treatment needed**

Treat symptomatically.

## Section 5: Fire-Fighting Measures

**Suitable Extinguishing Media:**

Use extinguishing media appropriate for surrounding fire.

**Fire Hazard:**

Not considered flammable but may burn at high temperatures.

**Explosion Hazard:**

Product is not explosive.

**Hazardous Combustion**

May include and are not limited to: Hydrogen chloride. Chlorine. Oxides of sodium.

**Products:**

**Protective equipment for firefighters**

Firefighters should wear full protective clothing including self-contained breathing apparatus.

## Section 6: Accidental Release Measures

**Personal Precautions**

Avoid breathing (dust). Avoid all contact with skin, eyes, or clothing.

**Protective Equipment:**

Use appropriate personal protection equipment (PPE).

**Environmental Precautions**

Prevent entry to sewers and public waters. Avoid release to the environment.

**Methods for Cleaning Up**

Clear up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping.

## Section 7: Handling And Storage

**Handling**

Use good industrial hygiene practices in handling this material. Avoid breathing dusts. Avoid contact with eyes. Avoid contact with water and moisture. Keep away from strong acids.

**Storage**

Keep out of reach of children. Store in original tightly closed container. Store away from incompatible materials, i.e, strong oxidizing agents (see Section 10). Keep containers tightly closed in a cool, well-ventilated place.

## Section 8: Exposure Controls/Personal Protection

**Control Parameters**

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

**Appropriate Engineering Controls**

Ventilation should be sufficient to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing.

**Personal Protective Equipment**

**Hand Protection:**

If there is constant skin contact, rubber gloves are recommended.

**Eye Protection:**

Safety glasses if eye contact is possible



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**Skin and Body Protection:** Wear suitable protective clothing.  
No personal respiratory protective equipment normally required. Use NIOSH-approved  
**Respiratory Protection:** air-purifying or supplied-air respirator where airborne concentrations are expected to exceed exposure limits.

## Section 9: Physical And Chemical Properties

<b>Appearance/ Physical State</b>	Blue Granules. Odorless.
<b>Vapour Pressure (mm Hg at 20°C)</b>	2.4
<b>Vapour Density (Air = 1.0)</b>	Not available
<b>Bulk Density</b>	Not available
<b>Solubility in Water</b>	36G/100g H2O @ 20°C
<b>Specific Gravity (gm/cc, Water = 1.0)</b>	Approx. 2.17
<b>% Volatile by Volume</b>	Non-volatile
<b>Boiling Point</b>	2669 °F (1465 °C) (760 mmHg)
<b>Melting Point</b>	1473.8 °F (801 °C)
<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>pH</b>	6-8 (1% solution @ 20°C)

## Section 10: Stability And Reactivity

**Chemical Stability:** Stable under normal conditions.

**Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

**Conditions to Avoid:** Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

**Incompatible Materials:** Avoid contact with strong acids. Becomes corrosive to metals when wet.

**Hazardous Decomposition Products:** May include and are not limited to: Hydrogen chloride. Chlorine. sodium oxides

## Section 11: Toxicological Information

<b>Acute Toxicity:</b>	Not classified
<b>LD50 and LC50 Data:</b>	Not available
<b>Skin Corrosion/Irritation:</b>	Not classified
<b>Serious Eye Damage/Irritation:</b>	Not classified
<b>Respiratory or Skin Sensitization:</b>	Not classified
<b>Germ Cell Mutagenicity:</b>	Not classified
<b>Teratogenicity:</b>	Not available



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**Carcinogenicity:** Not classified  
**Specific Target Organ Toxicity (Repeated Exposure):** Not classified  
**Reproductive Toxicity:** Not classified  
**Specific Target Organ Toxicity (Single Exposure):** Not classified  
**Aspiration Hazard:** Not classified

**Information on Toxicological Effects - Ingredient(s)**

<b>Sodium chloride (7647-14-5)</b>	LD50 Oral Rat	3 g/kg
	LC50 Inhalation Rat	> 42 g/m <sup>3</sup> (Exposure time: 1 h)

**Section 12: Ecological Information**

**Toxicity** No additional information available

**Sodium chloride (7647-14-5)**

<b>LC50 Fish 1</b>	5560 (5560 - 6080) mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow- through])
<b>EC50 Daphnia 1</b>	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>LC 50 Fish 2</b>	12946 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
<b>EC50 Daphnia 2</b>	340.7 (340.7 - 469.2) mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

**Persistence and degradability** Not available

**Bio accumulative potential**

<b>Sodium chloride (7647-14-5)</b>	BCF Fish 1	(no bioaccumulation)
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**Mobility in Soil** Not available

**Other Information** Avoid release to the environment

**Section 13: Disposal Considerations**

**Waste Disposal Recommendations** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Section 14: Transport Information**

In Accordance with DOT Not regulated for transport  
 In Accordance with IMDG Not regulated for transport  
 In Accordance with IATA Not regulated for transport  
 In Accordance with TDG Not regulated for transport

**Section 15: Regulatory Information**

**US Federal Regulations**

<b>Sodium chloride (7647-14-5)</b>	Listed on the United States TSCA (Toxic Substances Control Act) inventory
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**Canadian Regulations**



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<b>Ice Patrol Blue</b>	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
<b>Sodium chloride (7647-14-5)</b>	Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.**

## Section 16: Other Information

**Other Information:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Effective Date:** August 22, 2018

**Version:** 1

**Contact:** [sds@kissner.com](mailto:sds@kissner.com)

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