



**THE KISSNER GROUP**  
 148 Manitou Drive, Suite 301  
 Kitchener, Ontario N2C 1L3  
 1 (800) 434-8248 • (519) 279-4860  
 Fax: (877) 434-8250



# SAFETY DATA SHEET

## Section 1: Product Identification

**Product Name** Professional Grade Solar Salt  
**Identified Uses** (Blue Bag) for Water Softeners  
**Supplier's Details** The Kissner Group  
 148 Manitou Drive, Suite 301  
 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  
**Percentage** Not applicable  
**Other Hazards** Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.  
 Corrosive to metals upon prolonged contact.

## Section 3: Composition/Information On Ingredients

Ingredients	Percentage	CAS. NO.	Classification
Sodium Chloride	100%	7647-14-5	Not Classified

## 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** When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

**Skin Contact** Remove contaminated clothing. Brush off loose particles. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.

**Eye Contact** Rinse cautiously with water for several minutes. Brush off loose particles. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**Ingestion** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

**Chronic Symptoms** Not available

## 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.



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**Hazardous Combustion Products:** May include and are not limited to: Hydrogen chloride. Chlorine. Oxides of sodium.  
**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. Contact competent authorities after a spill.

**Section 7: Handling And Storage**

**Handling:** Use good industrial hygiene practices in handling this material. Avoid breathing dusts from this material.  
**Storage:** Keep out of reach of children. 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:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas  
**Personal Protective Equipment:** Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.  
**Hand Protection:** Wear chemically resistant protective gloves.  
**Eye Protection:** Chemical goggles or face shield.  
**Skin and Body Protection:** Wear suitable protective clothing.  
**Respiratory Protection:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations are expected to exceed exposure limits.

**Section 9: Physical And Chemical Properties**

**Appearance/ Physical State:** White Solid Crystalline. Odorless.  
**Vapour Pressure (mm Hg at 20°C):** 2.4  
**Vapour Density (Air = 1.0):** Not available



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<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 Range (Deg. Celsius)</b>	1465
<b>Melting Point</b>	800.4
<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>pH</b>	10 (1% solution @ 20°C)

**Section 10: Stability And Reactivity**

<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Reactivity:</b>	Reactive with oxidizing agents, acids, lithium, bromine trifluoride.
<b>Possibility of Hazardous Reactions:</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid:</b>	Do not mix with incompatible materials.
<b>Incompatible Materials:</b>	Acids. Oxidizers.
<b>Hazardous Decomposition Products:</b>	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
<b>Carcinogenicity:</b>	Not classified
<b>Specific Target Organ Toxicity (Repeated Exposure):</b>	Not classified
<b>Reproductive Toxicity:</b>	Not classified
<b>Specific Target Organ Toxicity (Single Exposure):</b>	Not classified
<b>Aspiration Hazard:</b>	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**

<b>Toxicity</b>	No additional information available
<b>Sodium chloride (7647-14-5)</b>	



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<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])

<b>Persistence and degradability</b>	Not available	
<b>Bio accumulative potential</b>		
Sodium chloride (7647-14-5)	BCF Fish 1	(no bioaccumulation)
<b>Mobility in Soil</b>	Not available	
<b>Other Information</b>	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

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



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**Version**

**5**

**Contact**

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

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