



KISSNER MILLING COMPANY
148 Manitou Dr, 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 Solar Salt with Rust Remover
Identified Uses For Water Softeners and Rust removal
Supplier's Details The Kissner Group
148 Manitou Dr, 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	> 99 %	7647-14-5	Not Classified
Citric Acid	<0.5%	77-92-9	H319 (Eye Irritation, Category 2)

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

Product is non-combustible; no extinguishing media or special fire-fighting procedures are required. There are no unusual fire or explosion hazards.



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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.
Solubility in Water	36g/100 cc water @ 20°C (68°F)
Density (Water = 1)	Approx. 2.17 g/cc
% Volatile by Volume	Non-volatile
Boiling Point (760 mm Hg)	1413°C (2575°F)
Coefficient of Water/Oil Distribution	Not available



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pH

2-3

Section 10: Stability And Reactivity

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur.
 Will react with strong acids (to generate hydrogen chloride) and strong oxidizing agents (to generate chlorine gas). For citric acid, avoid metal nitrates, strong bases and oxidizers. Aqueous solutions of citric acid will corrode reactive metals (iron, zinc and aluminum) and their alloys, and may generate hydrogen, which could form explosive mixtures.

**Conditions to Avoid:
(Incompatible Materials)**

Hazardous Decomposition Products: No hazardous decomposition products or conditions.

Section 11: Toxicological Information

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: Not available

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)

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

Section 12: Ecological Information

Toxicity No additional information available

Sodium chloride (7647-14-5)

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

Persistence and degradability Not available



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Bio accumulative potential

Sodium chloride (7647-14-5)	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.
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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

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

Solar Salt with Rust Remover

WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
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Sodium chloride (7647-14-5)

WHMIS Classification	Listed on the Canadian DSL (Domestic Substances List) Uncontrolled product according to WHMIS classification criteria
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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:	April 4, 2022
Version	2
Contact	sds@kissner.com

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