



SAFETY DATA SHEET

Section 1: Product Identification

Product Name: Safer Than Salt® Commercial Performance Ice Melter
Chemical Name:
Synonyms:
Product Use: Melt Snow and Ice
Supplier's Details: **The Kissner Group**
32 Cherry Blossom Road
Cambridge, Ontario, Canada N3H 4R7
Phone Number: (519) 279-4860
Emergency Contact: (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. When heated to decomposition, emits toxic fumes.

Section 3: Composition/Information On Ingredients

Ingredients & Percentage: Sodium Chloride – 80.0-99.9%
Calcium Chloride – 0.01-5.0%
Magnesium Chloride – 0.01-5.0%
Calcium Magnesium Acetate (CMA) – 0.01-5.0%
Potassium Chloride – 0.01-5.0%
CAS. NO.: **Sodium Chloride** - 7647-14-5
Calcium Chloride – 10043-52-4
Magnesium Chloride – 7786-30-3
Calcium Magnesium Acetate (CMA) – 76123-46-1
Potassium Chloride – 7447-40-7



Classification: Sodium Chloride – Not Classified
Calcium Chloride – Eye Irrit. 2A, H319
Magnesium Chloride – Not Classified
Calcium Magnesium Acetate (CMA) – Acute Tox. 4
(Inhalation:dust,mist), H332; Eye Irrit. 2B, H320
Potassium Chloride – Aquatic Acute 3, H402

Section 4: First-Aid Measures

Skin and Eye: Flush with water

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Section 5: Fire-Fighting Measures

Flash Point:

Fire Hazard: Not considered flammable but may burn at high temperatures

Explosion Hazard: Product is not explosive

Special Fire Fighting Procedures: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Remarks on Explosion Hazards:

Section 6: Accidental Release Measures

Non-hazardous: 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

Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from extremely high or low temperatures, direct sunlight, heat, ignition sources, and incompatible materials.



Section 8: Exposure Controls/Personal Protection

Ventilation:

Personal Protective Equipment:

Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves.

Medical Conditions Aggravated by Exposure:

Effects of Overdose or Overexposure:

Section 9: Physical And Chemical Properties

Appearance/Physical State:	pink/rose colored crystals with pellets and flakes, odorless
Vapour Pressure:	Not available
Vapour Density (Air=1.0)	Not available
Evaporation Rate	
Solubility in Water (g/100cc)	Water Soluble
Specific Gravity (gm/cc, Water = 1.0)	
% Volatile by Volume	Non-volatile
Boiling Point (°C) @ 760mm	Not available

Section 10: Stability And Reactivity

Chemical Stability:	Stable under normal conditions
Conditions to Avoid:	Concentrated acids such as sulfuric or nitric
Hazardous Polymerization:	Polymerization occurs with calcium chloride when mixed with methyl vinyl ether.
Hazardous Decomposition Products:	Toxic gases. Hydrogen chloride. Chlorine. Sodium oxides. Oxides of magnesium. Oxides of calcium.
Corrosivity:	



Special Remarks on Reactivity: When heated to decomposition, emits toxic fumes. Toxic Gas.

Section 11: Toxicological Information

Acute Toxicity:	Not classified
Respiratory or Skin Sensitization:	Not classified
Germ Cell Mutagenicity:	Not classified
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)
Calcium Chloride (10043-52-4)	LD50 Oral Rat	1455-2781 mg/kg
	LD50 Dermal Rabbit	> 5000 mg/kg
Calcium Magnesium Acetate (76123-46-1)	LC50 Inhalation Rat	> 4600 mg/m ³ (Exposure time: 4 h)
Potassium Chloride (7447-40-7)	LD50 Oral Rat	2600 mg/kg

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

Bio accumulative potential

Sodium chloride (7647-14-5)	BCF Fish 1	(no bioaccumulation)
-----------------------------	------------	----------------------

Mobility in Soil Not available

Other Information Avoid release to the environment

Section 13: Disposal Considerations

Waste Disposal Waste must be disposed of in accordance with federal, state and
Recommendations: local environmental control regulations

Section 14: Transport Information

In Accordance with DOT Not regulated for transport

Section 15: Regulatory Information

US Federal Regulations

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

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

Effective Date: May 15, 2015
Version: 1
Contact: info@copecompany.com

The information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made to its accuracy, reliability or completeness. It is the user's responsibility to review this information, satisfy themselves as to its suitability and completeness and pass on the information to its employees or customers. The Cope Company Salt does not accept responsibility for any loss or damage, which may occur from the use of this information.