



SAFETY DATA SHEET

Section 1: Product Identification

Product Name: EnvironMelt Ice Melter
Identified Uses: Melt Snow and Ice
Chemical Name:
Synonyms:
Product Use:
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. Corrosive to metals upon prolonged contact.

Section 3: Composition/Information On Ingredients

Ingredients	Percentage	CAS. NO.	Classification
Sodium Chloride	85 – 99.9%	7647-14-5	Not Classified
Magnesium Chloride	.01 – 5%	7786-30-3	Not Classified
Calcium Magnesium Acetate	.01 – 5%	76123-46-1	Acute Tox .4, H332; Eye Irrit. 2B, H320
Potassium Chloride	.01 – 5%	7447-40-7	Aquatic Acute 3, H402



Section 4: 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 particales. 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. Immediately call a poison center or doctor.

Section 5: Fire-Fighting Measures

Flash Point:	None
Fire Hazard:	Not considered flammable but may burn at high temperatures
Explosion Hazard:	Product is not explosive
Special Fire Fighting Procedures:	When heated to decomposition, emits toxic fumes. Toxic gas. Do not allow run-off from firefighting to enter drains or water courses.
Special Remarks on Explosion Hazards:	Toxic fumes are released. Hydrogen chloride. Sodium oxides. Chlorine.



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

- Precautions for Safe Handling:** When heated to decomposition, emits toxic fumes. Contact with water causes an exothermic heat reaction, which may cause significant temperature to rise. Corrosive to metals upon prolonged contact. May release hydrogen gas on prolonged contact with certain metals.

Section 8: Exposure Controls/Personal Protection

- Personal Protective Equipment:** Eye goggles. Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves.
- Medical Conditions Aggravated by Exposure:** Not available
- Effects of Overdose or Overexposure:** Not available

Section 9: Physical And Chemical Properties

- Appearance/Physical State:** Green coloured granules. Odoless. Solid.
- Vapour Pressure:** Not applicable



Vapour Density (Air=1.0)	Not applicable
Evaporation Rate	Not applicable
Solubility in Water (g/100cc)	Water Soluble
Specific Gravity (gm/cc, Water = 1.0)	Not applicable
% Volatile by Volume	Not available
Boiling Point (°C) @ 760mm	Not available
pH	10 (1% solution @ 20°C)

Section 10: Stability And Reactivity

Chemical Stability:	Stable under normal conditions
Possibility of Hazardous Reactions:	Polymerization occurs with calcium chloride when mixed with methyl vinyl ether.
Conditions to Avoid:	Direct sunlight. Extremely high or low temperatures. Incompatible materials.
Incompatible Materials:	Strong acids. Strong bases. Strong oxidizers. Reactive metals.
Hazardous Decomposition Products:	Toxic gases. Hydrogen chloride. Chlorine. Sodium oxides. Oxides of magnesium. Oxides of calcium.

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 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	
Persistence and degradability	Not available	
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.

Section 14: Transport Information

In Accordance with DOT	Not regulated for transport
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Section 15: Regulatory Information

US Federal Regulations

Sodium Chloride (7647-14-5)	Listed on the United States TSCA inventory
Potassium Chloride (7447-40-7)	Listed on the United States TSCA 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: February 5, 2015
Version: 3
Contact: sds@kissner.com

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