

**SAFETY DATA SHEET
(S.D.S)**

Produced by Kissner, Inc.
expressly for Snow Joe®, LLC



Form No. SJ-MELT-S.D.S-R4

FAST ACTING • SAFER ON VEGETATION • SAFER ON WOOD AND CONCRETE *

**when used as directed*

ENVIROMENTALLY-FRIENDLY BLEND ICE MELTER

Enhanced with CMA

Section 1: Product Identification

Product Name	Enviromentally-Friendly Blend Ice Melter
Identified Uses	Melt snow and ice
Supplier's Details	Snow Joe®, LLC 305 Veterans Blvd Carlstadt, NJ USA 07072
Phone Number	1-866-SNOWJOE (1-866-766-9563)
Available Packaging	50 lb bag, 50 lb box, 50 lb pail, 40 lb pail, 2000 lb sac
Emergency Contact (24 Hrs)	(613) 996-6666 CANUTEC

Section 2: Hazard Identification

Classification (GHS)	Not classified.
GHS Labeling	No Labeling 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	85.0-99.9%	7647-14-5	Not Classified
Magnesium Chloride	0.01-5.0%	7786-30-3	Not Classified
Calcium Magnesium Acetate (CMA)	0.01-5.0%	76123-46-1	Acute Tox. 4 (Inhalation:dust,mist), H332; Eye Irrit. 2B, H320
Potassium Chloride)	0.01-5.0%	7447-40-7	Aquatic Acute 3, H402
Product may contain color indicator		N/A	

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. Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects Both Acute and Delayed

General	Dust may cause mechanical irritation to eyes, nose, throat, and lungs.
Inhalation	Prolonged contact with large amounts of dust may cause mechanical irritation.
Skin Contact	Skin contact with large amounts of dust may cause mechanical irritation.
Eye Contact	Contact may cause irritation due to mechanical abrasion.
Ingestion	Ingestion is not likely to be harmful or have adverse effects.
Other	Contact with large amount of dust may cause mechanical irritation to eyes, nose, throat, and lungs.
Chronic Symptoms	Not available

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media	Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media	Do not use a heavy water stream. Use of heavy stream of water may spread fire.
Fire Hazard	Not considered flammable but may burn at high temperatures.
Explosion Hazard	Product is not explosive.
Reactivity	When heated to decomposition, emits toxic fumes. Toxic Gas.
Hazardous Combustion Products	Toxic fumes are released. Hydrogen chloride. Sodium oxides. Chlorine.
Other Information	Do not allow run-off from firefighting to enter drains or water courses.

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

Additional Hazards When Processed

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

Hygiene Measures

Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures

Comply with applicable regulations.

Storage Conditions

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.

Incompatible Materials

Strong acids. Strong bases. Strong oxidizers.

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:t Physical And Chemical Properties

Appearance/ Physical State

Green coloured granules. Odorless. Solid.

Vapour Pressure (mm Hg at 20°C)

Not applicable.

Vapour Density (Air = 1.0)

Not applicable.

Bulk Density

Not applicable.

Solubility in Water

Water Soluble.

Specific Gravity (gm/cc, Water = 1.0)

Not applicable.

% Volatile by Volume

Non-volatile.

Boiling Range (Deg. Celsius)

Not available.

Melting Point

Not available.

Coefficient of Water/Oil Distribution

Not applicable.

pH

10 (1% solution @ 20°C).

Section 10: Stability And Reactivity

Chemical Stability	Stable under normal conditions.
Reactivity	When heated to decomposition, emits toxic fumes. Toxic Gas.
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.
LD50 and LC50 Data	Not available.
Skin Corrosion/Irritation	Not classified pH: 10
Serious Eye Damage/Irritation	Not classified pH: 10
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)
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])

Potassium Chloride (7447-40-7)

LC50 Fish 1	1060 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	825 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC 50 Fish 2	750-1020 mg/l (Exposure time: 96 h - Species: Pimephales Promelas [static])
EC50 Daphnia 2	83 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)
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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

Sodium Chloride (7647-14-5)	Listed on the United States TSCA (Toxic Substances Control Act) inventory
Potassium Chloride (7447-40-7)	Listed on the United States TSCA (Toxic Substances Control Act) inventory

Canadian Regulations

EnvironMelt Ice Melter	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

Sodium chloride (7647-14-5)	Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

Calcium Magnesium Acetate (76123-46-1)	Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Magnesium Chloride (7786-30-3)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

Potassium Chloride (7447-40-7)	Listed on the Canadian DSL (Domestic Substances List)
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

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

October 26, 2016

Version

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Contact

snowjoe.com

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