



## SAFETY DATA SHEET

### Section 1: Product Identification

**Product Name:** Mr. Magic® Premium Ice Melt  
**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.

### 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

<b>Appearance/Physical State:</b>	orange colored granules, odorless
<b>Vapour Pressure:</b>	Not available
<b>Vapour Density (Air=1.0)</b>	Not available
<b>Evaporation Rate</b>	
<b>Solubility in Water (g/100cc)</b>	Water Soluble
<b>Specific Gravity (gm/cc, Water = 1.0)</b>	
<b>% Volatile by Volume</b>	Non-volatile
<b>Boiling Point (°C) @ 760mm</b>	338°F (198°C)



## Section 10: Stability And Reactivity

<b>Chemical Stability:</b>	Stable under normal conditions
<b>Conditions to Avoid:</b>	Direct sunlight, extremely high or low temperatures., incompatible materials
<b>Hazardous Polymerization:</b>	Polymerization occurs with calcium chloride when mixed with methyl vinyl ether
<b>Hazardous Decomposition Products:</b>	Toxic gases. Hydrogen chloride. Chlorine. Sodium oxides. Oxides of magnesium. Oxides of calcium.
<b>Corrosivity:</b>	
<b>Special Remarks on Reactivity:</b>	When heated to decomposition, emits toxic fumes. Toxic Gas.

## Section 11: Toxicological Information

<b>Acute Toxicity:</b>	Not classified
<b>Respiratory or Skin Sensitization:</b>	Not classified
<b>Germ Cell Mutagenicity:</b>	Not classified
<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)

Sodium chloride (7647-14-5)	LD50 Oral Rat	3 g/kg
LC50 Inhalation Rat		> 42 g/m <sup>3</sup> (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 <sup>3</sup> (Exposure time: 4 h)
Potassium Chloride (7447-40-7)	LD50 Oral Rat	2600 mg/kg



## Section 12: Ecological Information

**Toxicity** No additional information available

<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})

### Sodium chloride (7647-14-5)

<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})

### Calcium Chloride (10043-52-4)

<b>LC50 Fish 1</b>	10650 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
<b>EC50 Daphnia 1</b>	2400 mg/l (Exposure time: 48 h - Species: Daphnia magna)

### Potassium Chloride (7447-40-7)

<b>LC50 Fish 1</b>	1060 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
<b>EC50 Daphnia 1</b>	825 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>LC 50 Fish 2</b>	750-1020 mg/l (Exposure time: 96 h - Species: Pimephales Promelas [static])
<b>EC50 Daphnia 2</b>	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)
Calcium chloride (10043-52-4)	BCF Fish 1	(no bioaccumulation)

**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

## Section 15: Regulatory Information

### US Federal Regulations

Sodium chloride (7647-14-5),  
Calcium chloride (10043-52-4),  
Potassium Chloride (7447-40-7)

Listed on the United States TSCA (Toxic Substances Control Act) 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:**

**March 11, 2015**

**Version:**

**2**

**Contact:**

**sds@kissner.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.