



# MATERIAL SAFETY DATA SHEET

**CHROMATE INDUSTRIAL CORPORATION®**

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**FOR CHEMICAL  
EMERGENCY**

Call ChemTrec day/night:  
**1-800-424-9300**

## IDENTITY AND MANUFACTURER'S INFORMATION

**PRODUCT NAME:** PROFESSIONAL ICE MELTER®  
**PART NUMBER:** 74452 / 50 lb Box

**APPROVAL DATE:** 11-02-05

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## SECTION 1 – HAZARDOUS INGREDIENTS

Ingredient Name	Content	CAS	Number Exposure Limits
Sodium Chloride	5-95%	7647-14-5	5 mg/m3 as dust
Potassium Chloride	5-95%	7447-40-7	5 mg/m3 as dust
Magnesium Chloride	1-25%	791-18-6	5 mg/m3 as dust
Calcium Chloride	0.1-10%	10043-52-4	5 mg/m3 as dust
Calcium Magnesium Acetate	0.1-10%	76123-46-1	5 mg/m3 as dust
Conditioning Agent	<0.05%	Mixture	5 mg/m3 as dust

## SECTION 2 – PHYSICAL PROPERTIES

<b>Physical Form:</b>	Granular, free flowing	<b>Solubility in Water:</b>	Virtually 100%
<b>Color:</b>	Blue	<b>Specific Gravity:</b>	1.1 - 1.4
<b>Odor:</b>	Slight to None	<b>Bulk Density:</b>	70 - 90 lbs. per cubic foot
<b>pH:</b>	Slightly basic in aqueous solution	<b>Vapor Pressure:</b>	None

## SECTION 3 – FIRE AND EXPLOSION DATA

**Flash Point:** Not explosive

**Flammable Limits:**

**UEL** Not flammable

**LEL** Not flammable

**Extinguishing Media:** Does not burn

**Special Fire Fighting Procedures:** Protect eyes and skin from contact with smoke. Wear self contained breathing apparatus when fighting fires due to presence of other products in warehouse. Keep all nonessential personnel upwind from smoke.

## SECTION 4 – HUMAN HEALTH DATA

**Routes of entry:** Skin and eye.

**Acute effects of exposure:** May irritate open sores and wounds. May cause temporary eye irritation.

**Chronic effects of exposure:** None known.

**Carcinogenicity:** No carcinogenetic components known.

**Medical conditions aggravated by exposure:** None known.

## SECTION 5 – EMERGENCY AND FIRST AID PROCEDURES

Contact your local Poison Control Center in case of accidental contact which causes or is expected to cause an adverse medical reaction.

**First aid for eyes:** Flush eyes with plenty of water for 15 minutes. Contact physician if irritation persists.

**First aid for skin:** Wash with soap and water. Contact physician if irritation persists.

**First aid for inhalation:** Remove to fresh air.

**First aid for ingestion:** Drink plenty of water.

N/A — NOT APPLICABLE

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

N/L — NOT LISTED

**SECTION 6 – EMPLOYEE PROTECTION RECOMMENDATIONS**

**Eye protection:** Wear eye protection if granules may come in contact with eyes.  
**Skin protection:** Cover open sores.  
**Respiratory protection:** None required.  
**Ventilation requirements:** Use outdoors only.  
**Additional protective measures:** None required.

**SECTION 7 – REACTIVITY DATA**

**Stability:** Stable  
**Hazardous polymerization:** Does not occur.  
**Incompatibilities:** None known.  
**Instability conditions:** None known.  
**Decomposition products:** Not established.

**SECTION 8 – SPILL AND LEAK PROCEDURE**

**Cleanup procedures:** Sweep spill, repackage in labeled container and reuse.  
**Waste disposal method:** Reuse product if possible. May be placed in normal waste.

**SECTION 9 – SPECIAL PRECAUTIONS AND STORAGE DATA**

Store in dry location out of reach of children and pets.

**SECTION 10 – SHIPPING INFORMATION**

**Technical shipping name:** Not regulated.  
**Proper shipping name:** Not regulated.  
**Hazard Class or Division:** Not regulated.

**SECTION 11 – OTHER REGULATORY INFORMATION**

NFPA Ratings: Health 1	0 = insignificant
Flammability: 0	1 = Slight
Reactivity: 0	2 = Moderate
Other: 0	3 = High
	4 = Extreme

**SECTION 12 – FEDERAL REGULATORY INFORMATION**

**OSHA Status:** Components listed.  
**TSCA Status:** This product is exempt from TSCA Regulation.  
**CERCLA Reportable Quantity:** No components listed.  
**SARA Title III**  
**Section 302:** No components listed.  
**Section 311/312:** No components listed.  
**Section 313:** No components listed.  
**RCRA Status:** This product is not considered a hazardous waste under RCRA.

*Information contained in this Material Safety Data Sheet is accurate as of the date written.  
 No implications are intended beyond information presented in this document.*