

# MATERIAL SAFETY DATA SHEET

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## I. PRODUCT NAME: PROFESSIONAL ICE MELTER®

## II. HAZARDOUS INGREDIENTS

<u>Ingredient Name</u>	<u>Content</u>	<u>CAS Number</u>	<u>Exposure Limits</u>
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%	7791-18-6	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

## III. PHYSICAL PROPERTIES

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

## IV. 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.

## V. 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.

## VI. 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.

## VII. 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.

### **VIII. REACTIVITY DATA**

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

### **IX. SPILL AND LEAK PROCEDURES:**

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

### **X. SPECIAL PRECAUTIONS AND STORAGE DATA**

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

### **XI. SHIPPING INFORMATION**

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

### **XII. OTHER REGULATORY INFORMATION**

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

### **XIII. 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.

### **XIV. DISCLAIMER**

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.