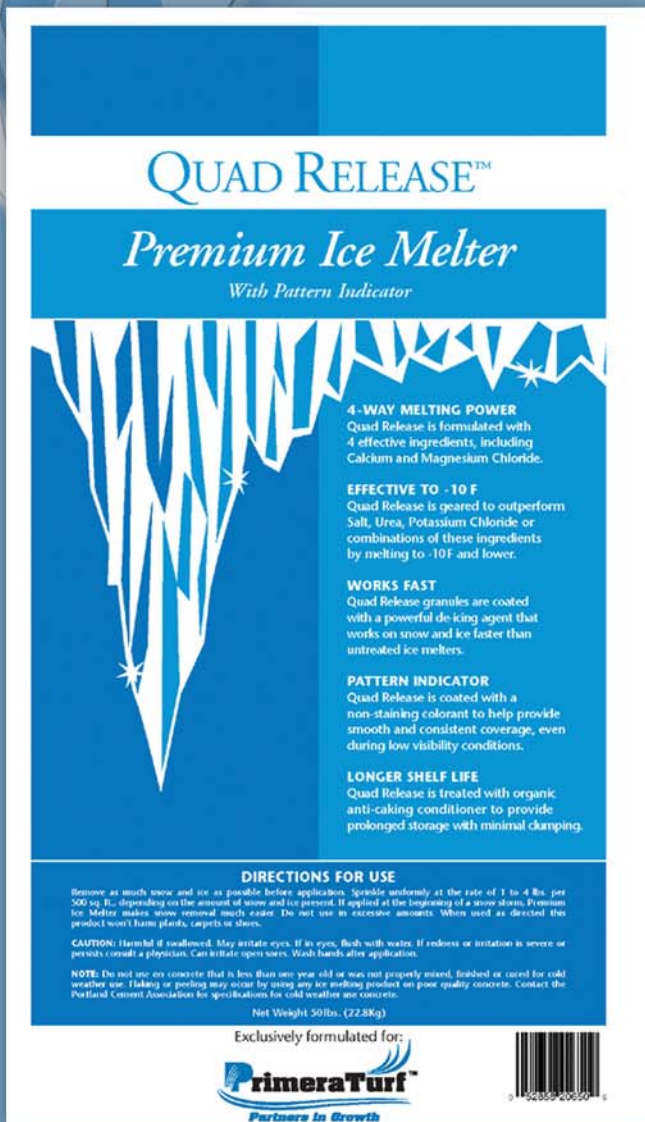


# QUAD RELEASE™

## Premium Ice Melter

With Pattern Indicator



### ■ 4-WAY MELTING POWER

Quad Release is formulated with 4 effective ingredients, including Calcium and Magnesium Chloride.

### ■ EFFECTIVE TO -10 F

Quad Release is geared to outperform Salt, Urea, Potassium Chloride or combinations of these ingredients by melting to -10F and lower.

### ■ WORKS FAST

Quad Release granules are coated with a powerful de-icing agent that works on snow and ice faster than untreated ice melters.

### ■ PATTERN INDICATOR

Quad Release is coated with a non-staining colorant to help provide smooth and consistent coverage, even during low visibility conditions.

### ■ LONGER SHELF LIFE

Quad Release is treated with organic anti-caking conditioner to provide prolonged storage with minimal clumping.

Exclusively formulated for:

  
**PrimeraTurf™**  
Partners in Growth

# Material Safety Data Sheet

**I. Product Name:** Quad Release Premium Ice Melter w/pattern indicator

## II. Hazardous Ingredients

Ingredient Name	Content	CAS Number	Exposure Limits
Sodium Chloride	5-95%	7647-40-7	5 mg/m <sup>3</sup> as dust
Potassium Chloride	5-95%	7447-40-7	5 mg/m <sup>3</sup> as dust
Magnesium Chloride	1-25%	7791-18-6	5 mg/m <sup>3</sup> as dust
Calcium Chloride	0.1-10%	10043-52-4	5 mg/m <sup>3</sup> as dust
Conditioning Agent	<0.05%	Mixture	5 mg/m <sup>3</sup> as dust

## III. Physical Properties

Physical Form: . . . . . Granular, free flowing  
Color: . . . . . Greenish 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 - 90lbs. 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 your 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 carcinogenic 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 your eyes: . . . . . Flush eyes with plenty of water for 25 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???  
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 ???  
Waste disposal method: . . . . . Reuse product if possible. may be ???

## X. Special Precautions and Storage Data

Store in a 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  
Other = insignificant 2 = moderate 3 = High 4 = Extreme

## XIII. Federal Regulatory Information

OSHA Status: . . . . . Components listed  
TSCA Status: . . . . . This product is exempt from TSCA regulations.  
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.

Approval Date: 7/12/02 Supersedes: none

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- LONGER SHELF LIFE
- EFFECTIVE TO -10 F
- PATTERN INDICATOR
- WORKS FAST