

# BOOST™ with Calcium Chloride

## PRODUCT DATA SHEET

### DESCRIPTION

**BOOST™ with Calcium Chloride** is an anti-icing/de-icing material additive produced from natural renewable resources.

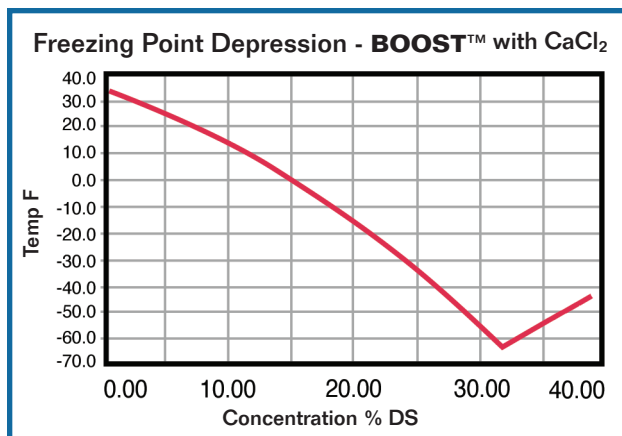
**BOOST™ with Calcium Chloride** is a versatile ice control material superior to any available liquid material. It offers lower freeze point protection, higher viscosity, superior corrosion protection and durability unequaled in the ice control market today.

### PROPERTIES

- Appearance: Light Brown, viscous liquid.
- Specific Gravity: 1.3
- Weight: 11.2 lbs per gallon.
- Eutectic Temperature: -54 °F
- pH: 7
- Water Miscibility: Complete
- Concentration: 39%
- Odor: Slightly sweet - "non offensive"
- Consult MSDS for handling and storage recommendations



### FREEZE POINT CURVE



### APPLICATIONS

#### ANTI-ICING

- Historically consistent lower application rates than any other material per given event and side by side applications.
- Applications as low as 15 gallons per lane mile.
- Works excellent with stream nozzle applications. (Consult your BMP's for applications prudent to expected conditions).
- Superior in preventing snow and ice from bonding to freezing pavement.
- Significantly reduces cost and time clearing snow and ice in freezing conditions.
- Reduces the need for the application of abrasives and the associated clean up.
- Documented accident reduction in high incident areas.
- The product of choice in bridge system applications.
- Lower application rates calculate to **SIGNIFICANT** savings per mile when considering miles applied, man/truck hours per route and fuel.



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### **APPLICATIONS**

#### **DE-ICING**

- Exothermic activity provides faster ice penetration than other materials.
- Quickly penetrates compact to reach the pavement.
- Compatible with stream-nozzle applications. (For best results.)
- Higher melting capacity per gallon allows for less material to be applied and more ice melted versus other materials.
- High viscosity prevents fast run-off of the application on compact.
- Consult your BPM's for application rates per given conditions.



*Before*

*After*

#### **PRE-WET SOLIDS**

- Significantly enhances the performance of dry salt and sand.
- Apply at 8 to 12 gallon per ton of salt, sand, or salt sand mixtures.
- Can be applied at the spinner, in the stock pile, or in the truck.
- Accelerates the melting activity and lowers the freeze point temperature of salt applications. Your salt will be more active at lower temperatures.
- Prolonged effectiveness of sand applications for traction control.
- Excellent "burn in" of sand for increased coefficient of friction.
- Significantly reduces "bounce and scatter" at application and "blow off" from traffic.
- Consult your BMP's for mixing and application rates.



#### **STOCKPILE TREATMENT**

- Keeps your stockpile free flowing even in the coldest conditions.
- Eliminates chunking and crusting of the stockpile for easier pile management and truck loading.
- Enhances the melting capacity right off the truck.

### **STORAGE**

- No tank stratification.
- No agitation required before loading equipment.
- No Carnalite or Gypsum fallout in your tank.
- No filtering required. (\* A filter should be considered as a BMP for storage facilities to prevent rouge contamination)
- Will store from season to season. (On carry over material a gentle circulation is suggested prior to use in the next season).
- Will store to -54°F without freezing in storage and handling equipment.



### **CORROSION**

- Easily exceeds Pacific Northwest Snow Fighters criteria for corrosion.
- In testing, has a 3-year average of 85% less corrosive than rock salt.
- Consistent corrosion performance from application to application.

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### **MATERIAL HIGHLIGHTS**

- **BOOST™ with Calcium Chloride** has a synergistic property that greatly enhances melting activity compared to other materials.
- An industry high 39% concentration. 30% higher than any other available material.
- A consistent supply means uninterrupted service.
- Unprecedented corrosion protection.



### **SUMMARY**

**BOOST™ with Calcium Chloride** has a proven track record in the industry as the **PREMIUM** anti-ice / de-ice material available on the market today. Your program will benefit **SIGNIFICANTLY** with the addition of **BOOST™ with Calcium Chloride**. Lower application rates, superior corrosion suppression, and the durability of **BOOST™ with Calcium Chloride** will allow you to provide a **LEVEL OF SERVICE** never before available to your customers.

For additional information contact:

**Disclaimer:** The information and suggestions in this document is, to the best of the representative's knowledge, accurate. However, due to numerous factors affecting actual usage conditions, the representative makes no warranty of any kind, expressed or implied other than the product conforms to its applicable current standard specifications. (4/07)