

# INFERNALMELT

## *InfernalMelt (Standard)*

*Give your customers “Zero Tolerance” pavements and reduce slip & fall lawsuits with our line of HOT LIQUIDS!*

### DESCRIPTION & USES

**InfernalMelt** is an inexpensive blended liquid ice melter for cost conscious contractors. It has been referred to as "*Liquid Fire*"! It has a low freeze point of **-36°F** and can be used for de-icing, anti-icing and pre-wetting rock salt. **InfernalMelt** is composed of Sodium, Calcium, Magnesium & Potassium Chlorides with an added corrosion inhibitor. It is artfully blended for maximum melting performance but because the blend of these 4 chlorides is balanced there is not an excessive amount of any one of them. Sodium, Calcium, Magnesium & Potassium individually are safe for plantings in small quantities but had we composed **InfernalMelt** exclusively of any one single one of them then chances are that it would exceed the safe level for that ingredient. What this equates to is less incidental damage to landscaping. It also means **InfernalMelt** is not sufficiently hygroscopic to prevent its use as an anti-icer unlike straight Calcium & Magnesium Chloride liquids. In the Midwest region, due to our high humidity, slippery conditions on the pavement may result from the use of straight Calcium & Magnesium Chloride liquids under certain temperature and humidity conditions.

### APPLICATION GUIDELINES

Liquids are your most valuable tool to get a totally clean parking lot. However, liquids are not meant to totally replace dry products. Liquids are most effective when used before an event or to pre-wet dry products. They can be used for de-icing also but there are practical limits as to how much snow & ice liquids can melt after an event. See the section on de-icing for more information.\*

**Anti-icing** – Application rate for anti-icing is .5-.75 gallons per 1000 square feet (20-30 gallons per lane mile). For frost prevention use half that. Use solid stream nozzles for roads and fan spray nozzles for parking since there is less spreading action due to vehicle tires in parking lots. Apply as soon as practicable before an event or once the event begins.

- ▶ Prevents bonding of snow and ice to pavement which speeds up removal operations which saves \$.
- ▶ Prevents “black ice”.
- ▶ Best choice for premium service to customers to reduce slip-and-fall accidents.

**De-icing** – Application rate is 1 gallon per 1000 square feet (40 gallons per lane mile). Rate can be adjusted based on accumulation. Use solid stream nozzles set at higher pressure to help increase penetration down to the pavement to undermine snow & ice.

- ▶ **InfernalMelt** begins melting ice & snow immediately upon application.
- ▶ **InfernalMelt** melts through up to ½” of dry packed snow down to the pavement, when using straight stream nozzles, where it will spread and break the bond between the ice & snow and the road allowing plows to remove it easily saving time and money.

**Pre-wetting** – Application rate is 5 -12 gallons per ton of rock salt at the auger / spinner or onto loader bucket when loading truck.

- ▶ 10% - 15% reduction in salt use due to reduced “bounce & scatter” of salt on the side of the road.
- ▶ Melting begins immediately - no waiting for salt to make its own brine.

### **TYPICAL PROPERTIES**

Appearance.....Clear liquid  
Specific Gravity.....1.19 -1.31  
Weight/gallon.....10.1 -10.7  
pH.....6.5 -7.5  
Freezing Point.....-36°F (-38°C)

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