

# InfernalMelt (Standard) - Liquid De-icer

*Give your customers "Zero Tolerance" pavements and reduces "SLIP & FALLS"*

## DESCRIPTION & USES

InfernalMelt is a blended liquid ice melter for cost conscious contractors. 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 and Potassium Chlorides with an added corrosion inhibitor.

Artfully blended for maximum melting performance, but because the blend of these four chlorides is balanced, there is not an excessive amount of any one of them. Individually Sodium, Calcium, Magnesium and Potassium are safe for plantings in small quantities. Had we composed InfernalMelt exclusively of any one single chloride, 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 and Magnesium Chloride liquids.

## 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. Liquids can be used for de-icing also, but there are practical limits as to how much snow and 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 lots, since there is less spreading action due to vehicle tires. Apply before an event or once the event begins.

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

**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 increase penetration down to the pavement in order to undermine snow and ice.

- InfernalMelt begins melting ice & snow immediately upon application.
- InfernalMelt melts through up to 4" of dry packed snow down to the pavement (when using straight stream nozzles) where it will spread and break the bond between ice and snow 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.



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