

# INFERNALMELT

## *InfernalMelt Organic*

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

### DESCRIPTION & USES

**InfernalMelt Organic** is our standard **InfernalMelt** liquid plus an environmentally friendly organic additive to give a residual effect to the product. It has been referred to as "*Liquid Fire!*" Putting the organic additive in is like gluing the salts to the pavement making it last longer on the surface which means less subsequent application of ice melters. **InfernalMelt Organic** is inexpensive and specially blended for cost conscious snow removal contractors. It was formulated much hotter than products municipalities typically use. It has an extra low freeze point of **-34°F** and can be used for de-icing, anti-icing and pre-wetting rock salt.

**InfernalMelt Organic** is composed primarily of Calcium, Sodium, Magnesium & Potassium Chlorides along with the agriculturally derived organic additive. It is artfully blended for maximum melting performance but because the blend of chlorides is balanced there is not an excessive amount of any one component. The individual components are safe for plantings in small quantities but had we composed it exclusively of any one single component then chances are that it could exceed the safe level for that component. What this equates to is less incidental damage to landscaping. **InfernalMelt Organic** also inhibits corrosion due to the organic ingredient in it. A reduction in corrosion of 50-60% is expected.

### APPLICATION GUIDELINES

Liquids are your most valuable tool to get a "running water" parking lot. However, liquids are not meant to totally replace dry products. Liquids are most effective when applied to the pavement before an event (anti-icing) or applied to rock salt (pre-wetting). They can be applied to existing snow & ice (de-icing) but there are practical limits as to how much snow & ice liquids can melt after an event. (See section on de-icing\*). Because the product has a residual effect it can be applied further in advance of a storm than the Standard product since it lasts longer.

**Pre-wetting** – Application rate is 6 -12 gallons per ton of rock salt at the auger / spinner or onto loader bucket when loading truck.

- ▶ 15% - 35% reduction in salt use due to reduced "bounce & scatter" and residual effect of the organic.
- ▶ Melting begins immediately - no waiting for salt to make its own brine.
- ▶ Lower salt consumption from pre-wetting is better for plantings & the environment in general.

**Anti-icing** – Application rate for anti-icing is 1/2 to 3/4 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 due to less spreading action due to vehicle tires in 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 \$.
- ▶ Can be applied up to 3 days before an event due to the organic additives' residual effect.
- ▶ Superior to dry salt for premium service to customers to reduce slip & fall accidents & liability.
- ▶ Prevents "black ice".

**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 Organic** begins melting ice & snow immediately upon application.
- ▶ **InfernalMelt Organic** melts through up to 1/2" 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.\*

*\*Because InfernalMelt Organic is composed of various chlorides and it has a limited amount of corrosion inhibition (between 40-50%) it is not a non corrosive product. Therefore contractors should use it appropriately around sensitive areas. Chlorides may also stain certain metals if applied directly to them.*

### **TYPICAL PROPERTIES**

Appearance.....Brown liquid  
Specific Gravity.....1.19 -1.31  
Weight/gl.....9.95 -10.5  
pH.....6.5 -7.5  
Freezing Point.....-34°F (-37°C)

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