

Liquid de-icing technology from EnviroTech



People Helping People Improve Their Environment

MeltDown Apex™ is the only liquid anti-icing and de-icing product that delivers unmatched melting performance at lower temperatures.

MeltDown Apex™ delivers a 12°F improvement in freeze point over any other liquid de-icer. This performance enhanced magnesium chloride ($MgCl_2$) brine not only produces results at lower temperatures, it also improves the ability to combat snow and ice buildup on road surfaces.

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Testimonial

"My experience with MeltDown Apex has been nothing but positive. When the crews applied other de-icers, they noticed a big difference in performance and had slickness issues at lower temperatures. When MeltDown Apex was applied to my roads, they stayed wet even at low temperatures of around zero degrees."
Larry Schneider, City of Fort Collins, Fort Collins, Colorado

Performance

Apex outperforms all other liquid anti-icing and de-icing products across a wider spectrum of temperatures. In fact, when diluted to a ratio of 1:1 with water from melting snow and ice, Apex will not refreeze until -8°F. Unlike other enhanced MgCl₂ products, Apex is simply amplified by improving the concentration of its active ingredient. This has made Apex Better - Faster - Stronger.

Uses and Applications

Apex can be used as a stand-alone product or blended with salt to expedite snow and ice melt and enhance traction.

Anti-icing

The enhanced melting capacity of Apex provides longer cycle times between routes by decreasing snow pack buildup and improving snow removal by plow, therefore decreasing your costs.

De-icing

Applied in a stream pattern, Apex quickly penetrates vertically through the snow pack and breaks the bond at the road surface.

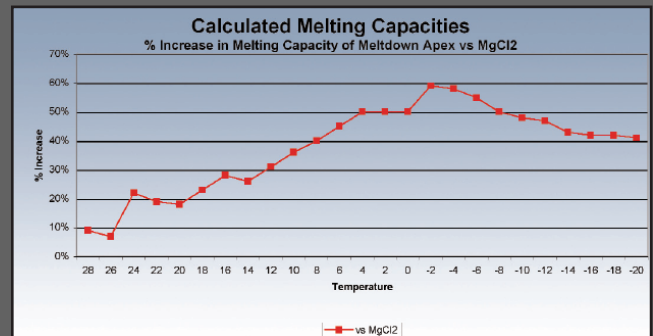
Pre-wetting

As an onboard pre-wetting agent for salt, Apex:

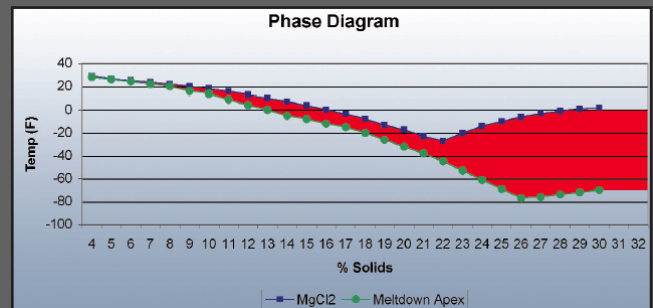
- Reduces bounce and scatter
- Increases the speed and melting capacity of the salt
- Enables the use of salt at lower temperatures

Features and Benefits

- Delivers safer roads
- Lowers refreeze point
- Improves snow removal
- Reduces effects from corrosion
- Increases snow and ice melt



Apex gets the job done in the "red-zone". The diagram above demonstrates the source of the improved performance of Apex. The "red zone" is an illustration of the difference in freeze points between Apex and MgCl₂, when compared at equivalent concentrations.



The chart above is an illustration of the increased melting capacity of Apex vs MgCl₂ at a wide range of temperatures. It is this increase in melting capacity that translates to increased efficiencies in de-icing operations.