

# MeltDown Apex<sup>®</sup>

A MAGNESIUM CHLORIDE PRODUCT

LIQUID DEICING & ANTI-ICING



## GET UNMATCHED MELTING PERFORMANCE

Liquid Anti-icing and Deicing Solution that Performs at Lower Temperatures

### Benefits & Features

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

**MeltDown Apex delivers a 12°F improvement in freeze point over any other liquid de-icer.** This performance enhanced magnesium chloride (MgCl<sub>2</sub>) brine not only produces results at lower temperatures, it also improves the ability to combat snow and ice buildup on road surfaces. MeltDown Apex outperforms all other liquid anti-icing and deicing products across a wider spectrum of temperatures. When diluted to a ratio of 1:1 with water from melting snow and ice, MeltDown Apex will not refreeze until -8°F. Unlike other enhanced MgCl<sub>2</sub> products, MeltDown Apex is simply amplified by improving the concentration of its active ingredient. This has made MeltDown Apex Better - Faster - Stronger.

### People Helping People Improve Their Environment

For more than 30 years, EnviroTech Services, Inc. has proven to be an industry leader in soil stabilization and road solutions. We effectively produce high performing products that provide our customers with improved efficiency and reduced cost. We achieve these goals while, at the same time, reducing environmental impact and enhancing sustainability.



Call Us  
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**Uses and Applications** - MeltDown Apex improves the ability to combat snow and ice buildup on road surfaces. It can be used as a standalone product or blended with salt to expedite snow and ice melt and enhance traction.

## ANTI-ICING ENHANCED MELTING

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

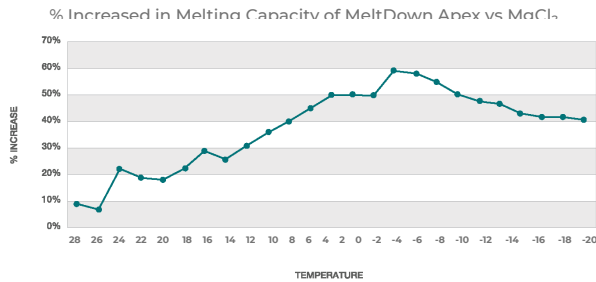
## DEICING PENETRATE THROUGH SNOW

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

## PRE-WETTING REDUCE SCATTER

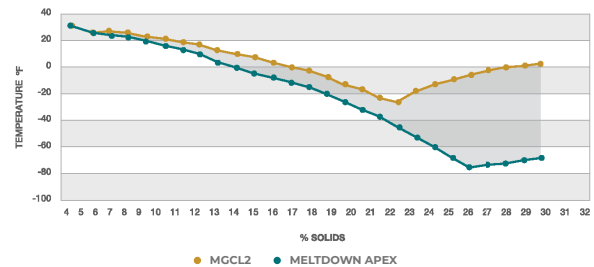
As an onboard pre-wetting agent for salt, MeltDown Apex reduces bounce and scatter, increases the speed and melting capacity of the salt, and enables the use of salt at lower temperatures.

### CALCULATED MELTING CAPACITIES



The chart above is an illustration of the increased melting capacity of MeltDown Apex vs MgCl<sub>2</sub> at a wide range of temperatures. It is this increase in melting capacity that translates to increased efficiencies in deicing operations.

### PHASE DIAGRAM



MeltDown Apex gets the job done. The diagram above demonstrates the source of the improved performance of MeltDown Apex. The highlighted gray area is an illustration of the difference in freeze points between MeltDown Apex and MgCl<sub>2</sub> when compared at equivalent concentrations.

“My experience with **MeltDown Apex** has been nothing but positive. When the crews applied other deicers, 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

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