



LIQUID DEICING AND ANTI-ICING TECHNOLOGY



GET UNMATCHED MELTING PERFORMANCE

LIQUID DEICING AND ANTI-ICING SOLUTION THAT PERFORMS 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.

Apex outperforms all other liquid anti-icing and de-icing products across a wider spectrum of temperatures. 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 $MgCl_2$ products, Apex is simply amplified by improving the concentration of its active ingredient. This has made Apex Better - Faster - Stronger.

Benefits & Features

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

Uses and Applications

Apex 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 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, 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, Apex reduces bounce and scatter, increases the speed and melting capacity of the salt, and enables the use of salt at lower temperatures.

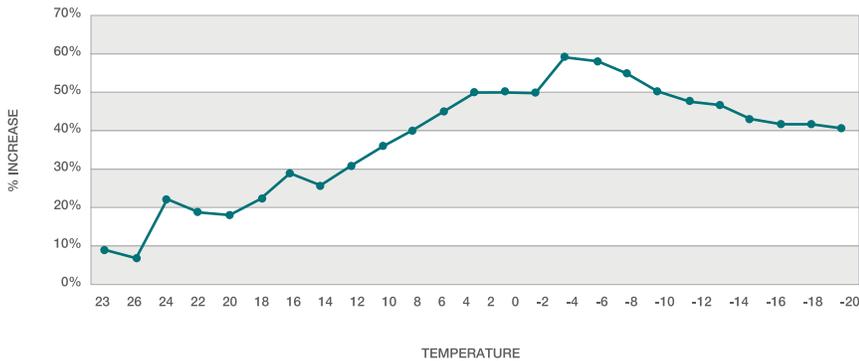
“ My experience with MeltDown Apex has been nothing but positive. When the crews applied other de-icers, they noticed a big difference in performance and had slickness issues at lower temperatures.

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

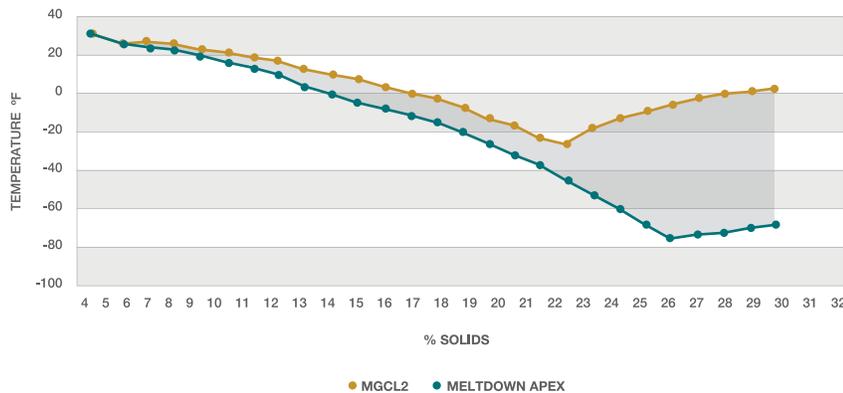
CALCULATED MELTING CAPACITIES

% Increase in Melting Capacity of MeltDown Apex vs $MgCl_2$



The chart above is an illustration of the increased melting capacity of Apex vs $MgCl_2$ at a wide range of temperatures. It is this increase in melting capacity that translates to increased efficiencies in deicing operations.

PHASE DIAGRAM



Apex gets the job done. The diagram above demonstrates the source of the improved performance of Apex. The highlighted grey area is an illustration of the difference in freeze points between Apex and $MgCl_2$ when compared at equivalent concentrations.

For more information, call 1.800.369.3878 or visit us at www.EnviroTechServices.com



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