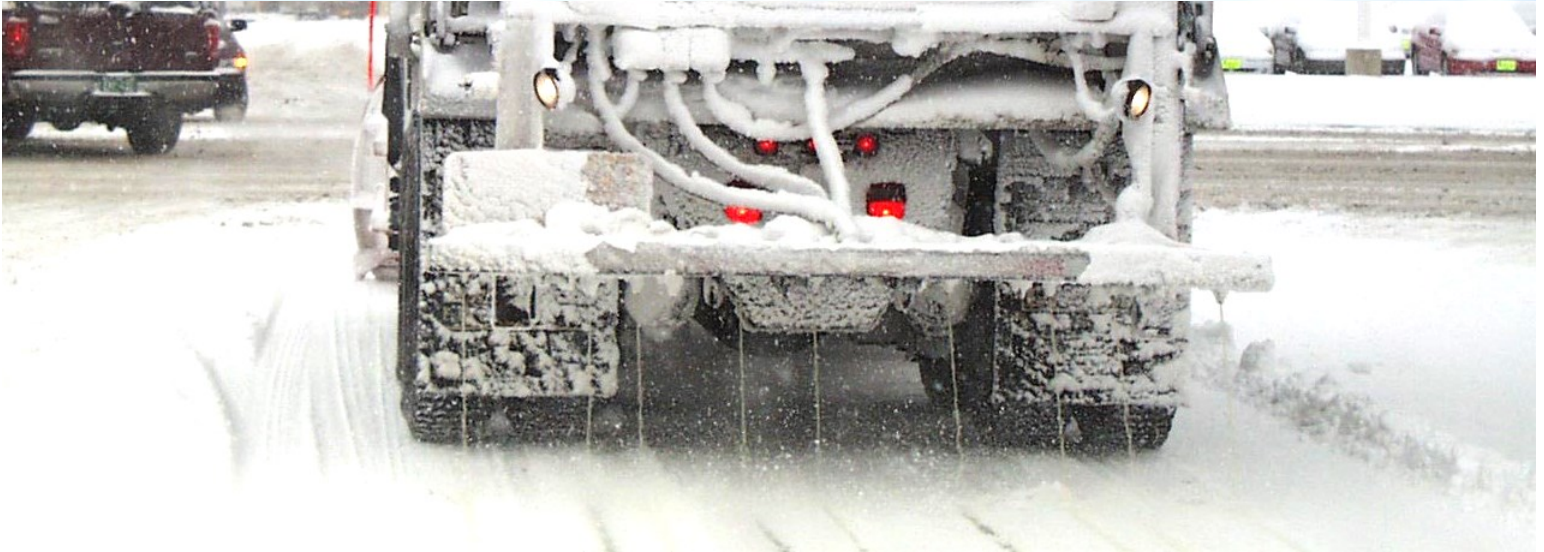




# Liquid Anti-Icing & Deicing



## Product Description

**MeltDown Liquid®** is a high performance magnesium chloride (MGCL<sub>2</sub>) anti-icer and deicer that delivers longer lasting performance treating asphalt surfaces. Its low eutectic point works effectively in a broad variety of temperature ranges. Its exceedingly high ability to dilute and hold water before refreezing improves the all-weather performance of this product. Additionally, **MeltDown Liquid®** is among the least harmful of common deicers to vegetation and groundwater according to independent studies conducted by the U.S. Department of Agriculture. It is non-irritating and safer to handle—less harmful to road surfaces and metals when used as recommended.



## Benefits of MeltDown Liquid®

- > Cuts road maintenance costs
- > Eliminates use of sand
- > Increases melting capacity
- > Reduces the amount of product used
- > Simplifies the application process
- > Lowers impact on road surfaces and metals
- > Lessens the impact on plants and vegetation

>> Need a corrosion inhibitor? Ask us about **MeltDown Liquid® Inhibited!** <<



800-375-9264



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Keeping Roads Safe Since 1990



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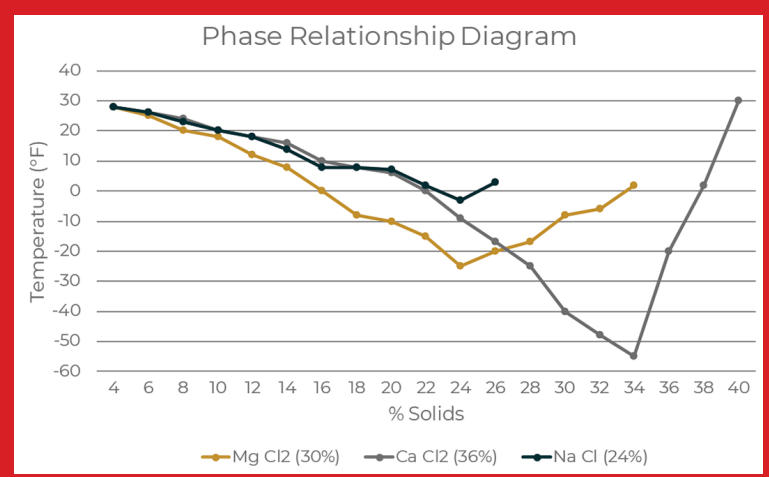
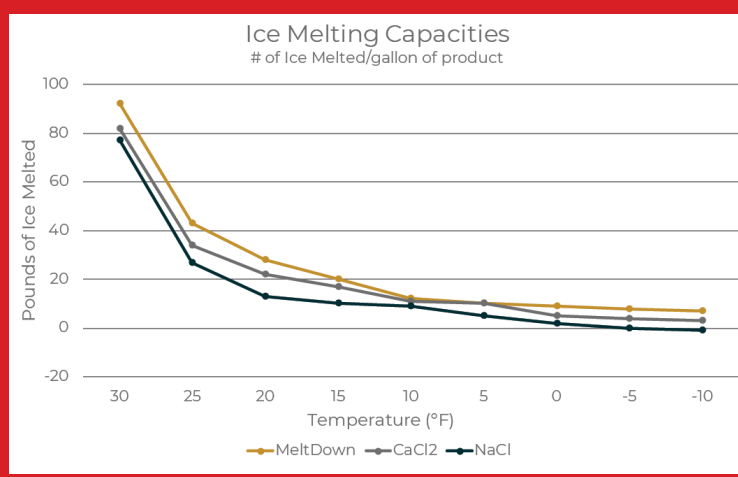
## Liquid Anti-Icing and Deicing Solution that Performs at Low Temperatures

### Anti-Icing

As an anti-icer applied prior to a storm, **MeltDown Liquid®** can help prevent snow and ice from bonding to the road surface. This provides higher service levels and reduces maintenance cost and patrol times. It also improves air quality by reducing or eliminating the need to use sand.

### Deicing

When applied according to recommended standards to black ice or frost conditions, **MeltDown Liquid®** provides increased performances versus most other liquid products. Repeated applications may be required to completely melt accumulated snow and ice pack depending on depth.



### Melting Capacity

Melting capacity research (see chart above) conducted using SHRP (Strategic Highway Research Program) procedures show that **MeltDown Liquid®** consistently outperforms most other de-icing materials. Greater melting capacity means a longer lasting product, which allows for the use of less product, increased coverage, and improved equipment utilization. (SHRP H2905.8)

**MeltDown Liquid®** has a low eutectic point that works effectively in a wide variety of temperature ranges. The flatter sloped curve in the phase diagram (see diagram above) illustrates an improved all-weather performance versus significantly steeper phase curves associated with calcium and sodium chloride brines. **MeltDown Liquid®** has a greater ability to dilute and hold water before refreezing.

## Utilized By

- State DOTs
- Counties
- Cities & Towns
- Road & Bridge Departments
- Public Works
- Tribal Lands

**MeltDown Liquid** can be applied directly to the road for anti-icing and deicing during a winter storm event, or as a pre-wetting agent for cinders, sand, and granular deicers. **MeltDown Liquid** magnesium chloride can help with your toughest icy winter road maintenance challenges.

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