



# FreezGard®

L I Q U I D

## A CRITICAL TOOL FOR SAFE, EFFECTIVE WINTER ROAD MAINTENANCE

FreezGard® liquid magnesium chloride from North American Salt Company is a proven performer in the most challenging weather conditions. Superior melting capability and advanced corrosion inhibitors make FreezGard one of the highest quality, most economical anti-icing products on the market. Transportation departments across the country trust FreezGard to successfully combat the impact of even the toughest winter storms.



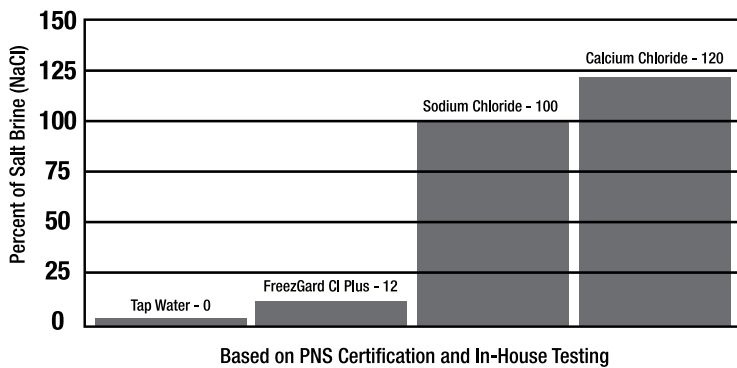
### Highest Quality, Economical Anti-Icing Liquid

Treat your roads before the snow event hits to prevent the snow and ice bond to the pavement. An effective anti-icing program can save up to 30% on your total de-icing budget.

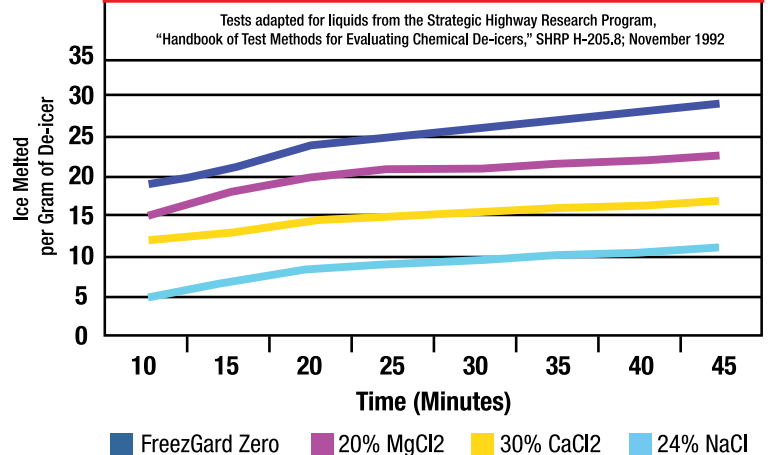
### Superior De-Icing Performance in Cold Temperatures

As a pre-wetting agent, FreezGard creates a brine mixture that activates the road salt for faster melting and extends its melting temperatures. FreezGard performs down to -15 degrees F and is easy to store in winter because it will remain a liquid even at these subzero levels.

### Typical Corrosion Rates on Mild Steel



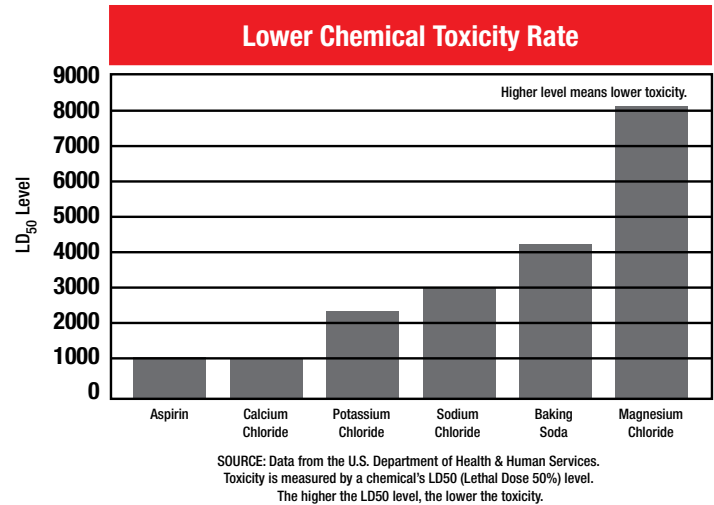
### Ice Melting Capacity of Liquids at 25° F



# COMBAT THE EFFECTS OF WINTER STORMS

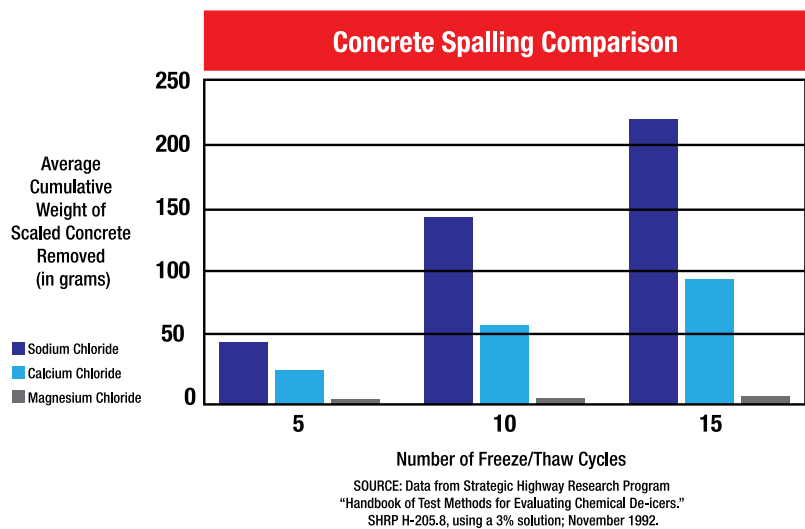
## Environmentally Friendly

- Made from 100% natural minerals from the Great Salt Lake, FreezGard has minimal environmental impact when applied properly.
- FreezGard reduces the need for sand and gravel, and its associated spring cleanup and potential impact on lakes and streams.
- FreezGard is safer for the environment because its chloride content is much lower than competitive products – even baking soda.
- Iowa State University studies show that using magnesium chloride products like FreezGard resulted in less turf grass damage than all other ice melters when applied in equal amounts. In fact, magnesium chloride is even used as a plant nutrient in certain applications.



## Safe for Roads and Infrastructure

- FreezGard CI Plus reduces the effects of corrosion on equipment and rebar by over 85% from regular sodium chloride.
- Meets the specifications of the Pacific Northwest Snowfighters (PNS) for corrosion, metals, nitrogen, BOD, COD, biological toxicity and pavement frictional analysis.
- Proven in Strategic Highway Research Program (SHRP) studies to provide an overall reduction in damage from cracking, scaling and spalling of concrete surfaces.
- Safe for use on aerated concrete – decreasing damage to the road surface.



For more information about making your operation more efficient with FreezGard®, contact us at 800-693-3334 or visit us at [nasalt.com](http://nasalt.com) or [siftocanada.com](http://siftocanada.com).



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