



A CRITICAL TOOL FOR SAFE, EFFECTIVE WINTER ROAD MAINTENANCE

FreezGard® Liquid Magnesium Chloride from North American Salt Company is one of the highest quality, most economical anti-icing products on the market. Thanks to its superior melting capability and advanced corrosion inhibitors, FreezGard is trusted by transportation departments across the country.

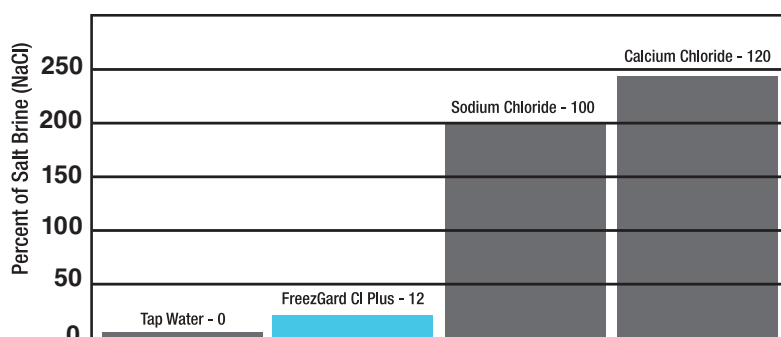
FREEZGARD CI PLUS MAGNESIUM CHLORIDE WITH CORROSION INHIBITORS

- Reduces the effects of corrosion on equipment and rebar by over 85% from regular sodium chloride.
- Meets Pacific Northwest Snowfighters (PNS) specifications for corrosion, metals, nitrogen, BOD, COD, biological toxicity and pavement frictional analysis.
- Decreases damage to surfaces on aerated concrete.

SUPERIOR ANTI-ICING AND DEICING PERFORMANCE

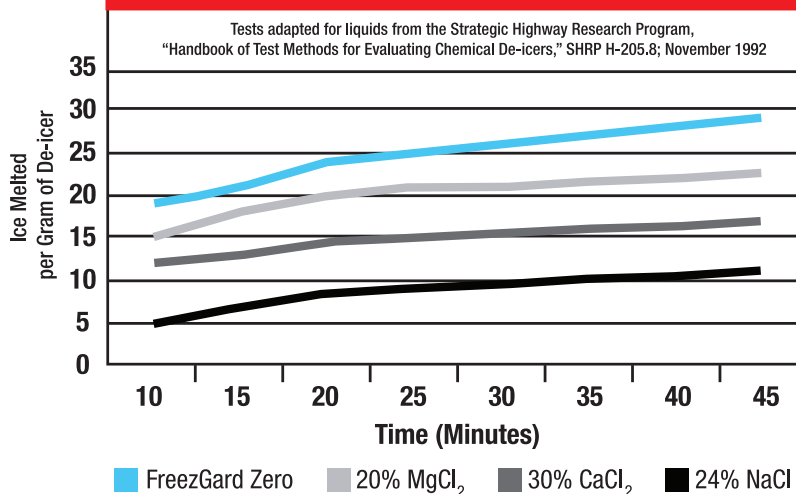
- Used before a snow event, FreezGard prevents the snow/ice bond to surfaces.
- An effective anti-icing program can save up to 30% on your total de-icing budget.
- As a pre-wetting agent, it activates road salt for faster melting and extends its melting temperatures.
- Works down to 0° F and will remain a liquid when stored, even at these extreme conditions.

Typical Corrosion Rates on Mild Steel



Based on PNS Certification and In-House Testing

Ice Melting Capacity of Liquids at 25° F



INTRODUCING THE NEW FREEZGARD LITE CI PLUS

- New formulation with added low temperature storage capability and performance properties.
- Same level of corrosion protection as regular FreezGard.
- Economically delivers great results.



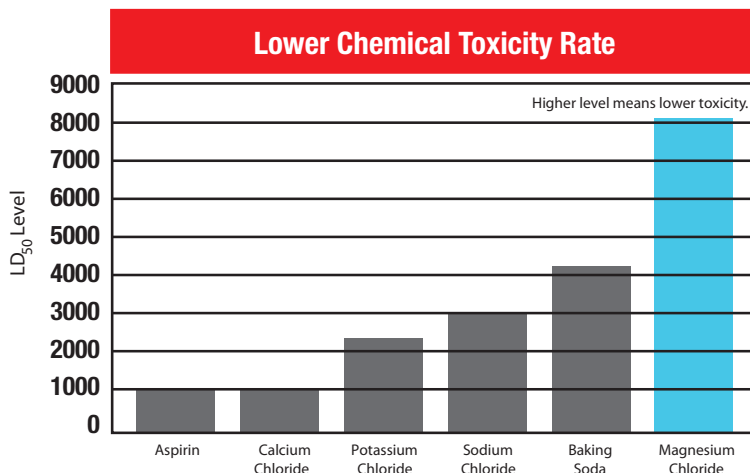
COMBAT THE EFFECTS OF WINTER STORMS

ENVIRONMENTALLY FRIENDLY

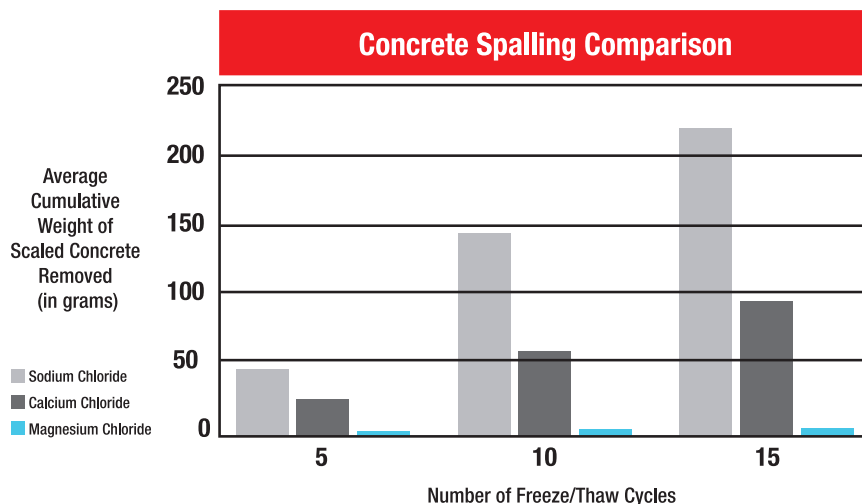
- Made from 100% natural minerals and has minimal environmental impact when applied properly.
- Reduces the need for sand and gravel which reduces spring cleanup and impact on lakes and streams.
- US Dept of Health confirms that magnesium chloride is safer than baking soda.
– See chart
- Works down to 0° F and will remain a liquid when stored, even at these extreme conditions.
- University studies show magnesium chloride products are easier on turf grass than all other ice melters when applied in equal amounts.

SAFE FOR ROADS AND INFRASTRUCTURE

- Causes less cracking, scaling and spalling of concrete surfaces as proven by Strategic Highway Research Program (SHRP) studies.
- Safe for use on aerated concrete.
- Purdue University demonstrated that $MgCl_2$ is less damaging to concrete than $CaCl_2$.



SOURCE: Data from the U.S. Department of Health & Human Services.
Toxicity is measured by a chemical's LD50 (Lethal Dose 50%) level.
The higher the LD50 level, the lower the toxicity.



SOURCE: Data from Strategic Highway Research Program
"Handbook of Test Methods for Evaluating Chemical De-icers."

For more information about making your operation more efficient with FreezGard®, contact us at 800-693-3334 or visit us at nasalt.com or siftocanada.com.

