

New Technologies Yield Better Road Conditions

Last winter the state of Vermont embarked on an extensive research project to test new theories and technologies involving the use of salt brine in winter road maintenance.

They discovered that through the use of salt brine, brine enhanced magnesium chloride blends and Innovative's Nitrous 1,2,3 application process they were able to produce safer, better winter roads at lower cost with less salt and sand usage.

Reducing operational costs and addressing real environmental concerns are becoming a major focus of local municipalities. Are you using the right products for the job?

What is Nitrous 1-2-3?

Nitrous 1-2-3 is a process that involves the addition of liquid to solid based product to increase ice melting performance.

Nitrous 1 is the addition of 8-10 gallons of liquid deicer to a dry ton of salt, via on-board pre-wetting or by using treated salt.

Nitrous 2 is the addition of 8-10 gallons of liquid deicer to one ton of salt that has already been treated with 8-10 gallons of liquid de-icer.

Nitrous 3 is the addition of 50-55 gallons of liquid deicer to one ton of salt that has already been treated with 8-10 gallons of liquid de-icer.

Call 1.800.387.5777 and let us help you find the perfect blend.



RoadWatch

Keeping you up to speed when nature strikes

 Winter 2010

Welcome to the premier issue of RoadWatch. At Innovative Surface Solutions we are dedicated to bringing you timely, added value news and information to assist you in making wise road surface solution decisions. This bi-annual publication has been developed with the wellbeing and safety of your local communities in mind so that we all may be ready when nature strikes. Please do not hesitate to provide us with your feedback and article suggestions. We hope you enjoy this premier issue of RoadWatch.

Liquid De-Icers with Additives: Greener, Less Expensive, and Longer-Lasting

Salt has been the formulation of choice for de-icing roads and other surfaces. A greener alternative is the combination of salt with magnesium chloride and carbohydrates in a liquid brine that's more cost-effective, easy to apply, and environmentally-friendly.

Adding carbohydrates (known as melano-

- It's gentler on vehicles. Corrosion is reduced, so your fleet can stay on the road longer without repairs or replacement.

Your community will also appreciate the green aspects of this type of product. It uses less sodium, which is better for the environment, and you'll use less of it to begin with, which means cleaner roads,

Magnesium chloride and melanoidin additives save time, money, and wear

noidins) to a salt and magnesium chloride brine has the following benefits:

- The brine stays put where you apply it, and it's easier to apply. There's no need to worry about having to break up caked product while your operators are on the go.
- It lasts longer. The added carbohydrates make the liquid stick better to the salt, so it works longer and you don't have to replace it as often. It melts more ice, too.

fewer service vehicles on the roads, and lower expenditures.

With today's environmental concerns and economic landscape, a salt-magnesium-carbohydrate mix makes good business sense.



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News & Product Highlights

- Bradley A. Rowles of the Town of Tonawanda is pleased with results of Caliber M1000 liquid with a corrosion inhibitor ... "We never have hard pack snow and ice on any of our Town roads and that is directly due to this product." Caliber M1000 liquid enables the Town to keep nearly 340 lane miles of Town-owned roadways and over 300 lane miles of County-owned roads free of snow and ice in any temperature, allowing residents to pass over their roads safely.
- Ice B'Gone Enhance 30/70 blend meets the MTO's minimum friction requirements and is exempt from it's ban on natural / multichloride brines for direct liquid application for 2009 winter season.
- The County of Wellington, Sifto Canada Corp and Innovative

Surface Solutions have teamed up to produce Thawrox® treated road salt locally making it more readily available to municipalities in western Ontario. See comments by David Imrie on CTV news clip @ innovativecompany.com.

- MeltDown™ Absolute Zero, an environmentally friendly, low corrosion, high performance de-icing crystal, is now available at the Glenmont Depot in the County of Albany.
- MTO Huntsville embarked on an evaluation of the feasibility of using a pre-treated salt rather than the Ministry's current on-board pre-wetting strategy. Found both products to work well between 32°F and -2°F.



Did You Know

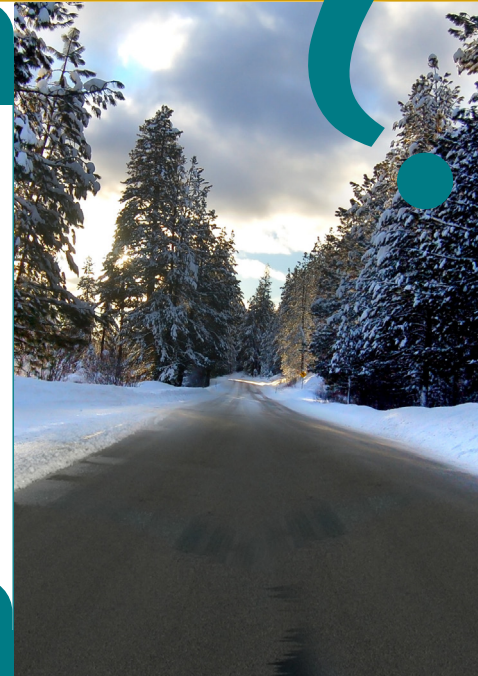
Do you have an article that you would like published? Feel free to contact us @ info@innovativecompany.com

Be Prepared This Winter



Stay tuned to the latest weather developments @ TheWeatherNetwork.com or AccuWeather.com.

Chief Meteorologist and Expert Long Range Forecaster Joe Bastardi @ AccuWeather.com will help to prepare you for the upcoming winter season.



EPA DESIGNATION

The EPA recognizes products that are considered to be safer for the environment and authorizes them to carry the DfE logo. This logo allows consumers to quickly identify and choose products that can help protect the environment and that are safer for humans, wildlife and habitats. For more information on the EPA, please go to www.epa.gov.

Did you know that Maryland is the first state that requires deicer additives to be EPA approved?



Recognized for Safer Chemistry www.epa.gov/dfe

For More Info CALL
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