

# Your Truck's Worst Enemy is Hiding in the Snow – Road Salt

**A**ggressive corrosion, caused by new formulations of road ice clearing chemicals, has become a serious maintenance problem for many equipment users. Use of magnesium chloride and calcium chloride based products has resulted in increased corrosion on vehicles, causing damage in as little as a single winter. Magnesium chloride on its own and in combinations with sodium chloride and

calcium chloride is being used by municipalities and cities throughout Canada and the US. This has led to what is being called a "corrosion explosion."

Why is magnesium chloride such an enemy to our vehicles? There are a number of reasons. One reason is the higher chloride (salt) content of magnesium chloride as compared to more traditional deicing chemicals such as sodium chloride. Chloride is the main cul-

prit in corrosion. A second reason is how strongly moisture is attracted by magnesium chloride. A recent experiment showed solid magnesium chloride becoming a liquid within 8 minutes where sodium chloride was still in a solid state after 6 hours. More moisture means that the salt will remain on the vehicle longer. When the surface of a vehicle is wet then the corrosion process is accelerated.

A third reason why mag-

nesium chloride is such an enemy to our vehicles is its high viscosity which causes it to stick to the surface of equipment easily. Researchers on the subject of chloride removal focus on how chlorides become surface-reacted with the metals forming a new chemical bond. When this happens, these salts are very difficult to remove. Some salt truck operators have been forced to use a chisel to try and remove this from their trucks.

To address this issue Krown Rust Control has developed a cleaning maintenance product called MR35 SALT ELIM-

INATOR that is designed to break the bond of these chlorides from the surface of the metal. MR35 can be applied thru a foaming system to remove salt in far less time than most other truck wash detergents. In fact, MR-35 SALT ELIMINATOR can remove more salt in a few seconds than other detergents can remove in hours.

With its 38 ingredients, this proprietary formulation not only dissolves salt more quickly, but also prevents the reforming of these salts after cleaning is complete. It is recommended for use on the entire exterior of vehicles and equipment, as well

as on the underside and engine compartment of trucks, trailers and other equipment. As for surfaces, it can be used on glass, plastic, rubber, and metal surfaces, with no detrimental effects.

MR-35 SALT ELIMINATOR is easy to use, with a simple, quick foam bath, from a low-pressure pre-spray foam gun, followed by a rinse. It can be used along with other products in the Krown Kleen series of cleaning maintenance products to protect your equipment year round. For more information on this unique product visit [krown.com](http://krown.com) or call 1-800-267-5744. ■

## 10-4 TEDDY BEAR WHEELCHAIR FOUNDATION

# Help Unfortunate Families Purchase Wheelchairs

**2**009 has arrived with mixed feelings about the economy. Like everyone else, the 10-4 Teddy Bear Wheelchair Foundation has been greatly affected and needs your support now more than ever.

Through research, Richard found that there wasn't much out there to help unfortunate families purchase wheelchairs for their children so he decided to start the 10-4 Teddy Bear Wheelchair Foundation. He decided to sell teddy bears to raise money for the Foundation since everyone loves teddy bears.

The Foundation began in October 2006 by Richard Masys who was into the CB craze back in the '70s and worked for different trucking firms handling paperwork for drivers entering the U.S. One day he heard the song "Teddy Bear" by Box Car Willie and at that moment he decided to

name the Foundation the 10-4 Teddy Bear Wheelchair Foundation.

The plea for your help is very real. Drivers and dispatchers in particular are in the position to spread the good word about the 10-4 Teddy Bear Foundation. Everyone is encouraged to purchase a plush, lovable teddy bear for their child, grandchild or even their sweetheart for perhaps Valentines Day, a birthday or just a gift to say, "I love you". Not only will the person you give it to enjoy it immensely, but you will be helping to give a poor child a much needed wheel chair.

Last year a number of teddy bears were re-donated to The Montreal Children's Hospital as well as the Grand River Hospital. Richard has been told by nurses that children love to receive teddy bears, especially those confined to hospitals. A teddy bear or blanket brightens their

day and makes them feel special and less sick.

For more information, visit Richard's website at [www.10-4teddybear.com](http://www.10-4teddybear.com) to find out more about the Foundation and/or listen to the song "Teddy Bear" by clicking on the icon below Mary's Bio. You can also reach Richard by giving him a call at 514-696-2869 or by sending him an email at [hyjmas@sympatico.ca](mailto:hyjmas@sympatico.ca). Hug a teddy bear today and help a child tomorrow! ■



PTOs • Cables • Tanks • Air Controls • Pumps • Valves • Blowers • Hoses

**PAT'S DRIVELINE**

TRUCK MOUNTED EQUIPMENT SPECIALISTS

Whatever system you need to operate including end dumps, walking floors, dry bulkers and wreckers, ask our full service shop for help to identify the components you require to complete your system and keep you profitable. We are also equipped with diagnostic tools to service or repair your current system.

Pat's Driveline is a Recognized Installer of Wetline Kits recommended by: **WALKING FLOOR**

Authorized Distributor for:

Mississauga  
#3, 1235 Shawson Drive  
Ph: (905) 564-3155  
TF: 1-877-438-3155  
[www.patsdriveline.com](http://www.patsdriveline.com)

**LEVY STEERING**

[WWW.LEVYSTEERING.COM](http://WWW.LEVYSTEERING.COM)

Rebuilt Steering Gears, Pumps, Cylinders and Horton Fan Clutches.

EATON LUK

ZF Saginaw VICKERS TRW sheppard BENDIX

## Need a Steering Gear?

Phone: (905) 564-1899 Toll Free: (800) 565-5389  
Fax: (905) 564-1911 [orderdesk@levysteering.com](mailto:orderdesk@levysteering.com)