

WINTER SALT PRODUCTS

Ice Melter FAQ'S

*Can anything be used to counteract salt damage?

Yes. Making an application of Gypsum at a rate of 20 to 40 lbs. per 100 sq. ft. in late fall prior to snowfall, will help to minimize salt damage on turfgrass and in ornamental plantings.

*How do deicers work?

For a deicer to be effective in melting ice and snow, it must first create a brine solution with a lower freezing point than that of the surrounding ice and snow. However, not all deicers create a brine solution in the same manner. Some deicers create a brine solution by creating their own heat via a chemical reaction while other deicers must first absorb heat. It is this brine solution that melts ice and snow until which time the brine solution becomes diluted to a point that it is no longer effective. The particular deicer then must be reapplied. If snow is more than 2 inches deep, plow or shovel first, then spread the deicer. Deicers should never be applied directly on trees, shrubs, flower beds, ground cover, or turf areas. Some deicers have the potential to cause burn or damage to plant material. Always be sure to follow all label instructions when applying ice melters.

*Do deicers attack and damage concrete?

Most common deicers do not chemically attack concrete. Scaling and spalling of concrete is in fact caused by moisture thawing and refreezing (referred to as freeze/thaw cycles) within the concrete surface. However, good quality, air entrained concrete is resistant to scaling and spalling during freeze/thaw cycles.

*Can deicers be used on new concrete?

It is not recommended to use any type of deicer on concrete that is less than 1 year old. Concrete will take up to a year to fully cure. If a deicer must be used, it is at the risk of the user. It is advised in this situation that the deicer be used very sparingly, and once it has penetrated the ice and snow, the slush should be removed immediately to minimize any possible damage to the new concrete surface.

Calcium Chloride Pellets

#445015 100lb

#445016 80lb

#445014 50lb

Instantly generates heat on contact with ice and snow forming a brine solution that produces a rapid melting action, actually 3 1/2 times faster than that of rock salt. The concentrated melting power of pellets penetrates ice fast, lasts long, and leaves no white powdery residue. Effectively works down to below -30° F. **RATE:** 2 to 4 oz. per sq. yd.

SIZE: 50 lb. bag; 100 lb. drum; 80 lb. bag

Calcium Chloride Flakes

#445011

Primarily the same product as pellets, but in a flat flake form. Melts ice and snow the same way as pellets do by creating its own heat as it goes into solution. Works to temperatures as low as below -25° F. Can also be used for dust control, speeding set up of concrete, and weighing tractor tires. **RATE:** 2 to 4 oz. per sq. yd. **SIZE:** 50 lb bag

CMA

#445088 55lb

#445081 1400lb

Is an anti-icing agent that prevents the bonding of ice and snow to pavement surfaces making snow and ice removal much easier. It is not a true ice melter. It is used in certain applications because of its extremely low corrosion rate, low toxicity for vegetation and animals, and biodegrades very quickly in the field. Quite costly one to use. **SIZE:** 55 lb drum; 1400 lb tote

Hammer

#445003

PROPEL de-icer accelerator & patented FUSION provide powerful melting speed. Increased melt value of an expensive blend, without the cost! **SIZE:** 50 lb Bag

ICE AGE

ALL-NATURAL ICE MELTER

#445017 50lb

Conserv FS's own blend of sodium chloride, calcium chloride, and magnesium chloride. Ice Age™ contains a patented accelerator that **speeds the conversion** of dry ice melting salts to a liquid brine, this process results in **faster melting action** and a safer surface in less time. Ice Age™ also contains anti-caking agents, blue pattern indicator, and is an effective ice melter at a **very economical price**. **RATE:** Bag covers up to 7,500 sq ft. **SIZE:** 50 lb bag.

Ice Buster/Zero Ice

#445030

Combines selected ice melting compounds that economically and effectively melt ice and snow below zero degrees. Works fast and helps prevent refreezing. When used as directed, Ice Buster/Zero Ice will not harm grass, concrete, carpet, or shoes. Provides traction on slippery surfaces. **RATE:** (1 cup)/ sq. yd **SIZE:** 50 lb bag

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Landscape

#445078

Same product as Power Melt except that it does not contain a pattern indicator. Works to below -25° F. **RATE:** 2 to 4 oz. per sq. yd. **SIZE:** 50 lb bag

Liquid Deicers - See Next Page

Magnesium Chloride

#445082

Is a flat crystal that melts ice effectively to temperatures as low as below -25° F. It does not leave a slimy oily residue on pavement to be tracked indoors. Using normal application rates, it is safe to the environment and will not harm vegetation. **SIZE:** 50 lb bag

Meltdown Zero™ / Beneath Zero #445068

Sodium chloride, magnesium chloride, a corn based additive & environmentally friendly inhibitors. This same material used by Departments of Transportation across the country as an environmentally friendly salt replacement. Will beat most common deicers on the market. Works effectively down to 0° to -5° F and contains quick start melting agents. **SIZE:** 50 lb bag

Mountain

#445002

Effective to -23 degrees!

- Concentrated poser begins to work immediately
- Ornaic Natural Ice melter that is **SAFE** on concrete & vegetation
- Clean to use, leaves no oily residue

SIZE: 44 lb bag; 49 Bags/Pallet



Peladow™
CALCIUM CHLORIDE PELLETS
PREMIER SNOW AND ICE MELTER

#445014

"The Heat is On!"

Peladow generates heat making it more effective at colder temperatures than other materials which only draw heat from their external environment.

Exceptional across a wide range of temperatures!

Attracts moisture to speed up melting action!

Size: 50 lb Bag

Rock Salt/Halite

#445020 50lb

#445021 80lb

A unique blend of large and small sodium chloride crystals. Small crystals melt instantly while large crystals give lasting action. Provides adequate, economical performance at temperatures as low as 15° to 20° F. **RATE:** 8 oz. per sq. yd. **SIZE:** 50 lb bag; 80 lb bag

Titan Blue

445075

Exceeds melt value of rock salt by 28%. Does not damage vegetation or concrete. Get the performance of a calcium chloride blend with out the cost! Made with Propel™ patented accelerator. **SIZE:** 50 lb bag

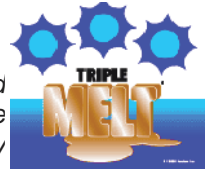


Triple Melt with Activar™

#445047

The most effective ice melt blend combined with Activar™ to speed the conversion of the dry ice melting salt to a liquid brine. Simply put, faster melting action. Triple Melt with Activar™ will start melting faster than any other similarly formulated blend on the market today.

RATE: 1/4 to 1/2 cup per sq. yd. **SIZE:** 50 lb bag



UREA

#550540

Fast acting, safe to vegetation when used as directed. Not as corrosive as many other ice melters. Used by airports because it will not pit and corrode aluminum. Also is used on helicopter landing pads and auto parking garages. Effective to 20° F.

RATE: 1/4 lb. (1 cup) per sq. yd.

SIZE: 50 lb bag; Also available in 1,000 lb Super Sacks, and in bulk 4 to 22 tons



See Gloves on Page:
55 & 56



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Snow Poles
on Page: 88

WINTER SALT PRODUCTS

Rock Salt

Deicing Road Salt - Got Bulk?



Choose your treatments:

- Calcium Chloride Treated
- Y.P.S. Treated
- Snow Slicer
- Clearlane

Dump unloading, or conveyor unloading available upon request. **SIZE:** Delivered in semi loads of approximately 22 to 24 tons

#445040 High Performance Treated Salt #445235

Powered By Fusion!



Melt More, Spend Less!

With environmental, costs, and safety pressures growing, Thunder Melt is the solution for both you & your customers. It is the highest performing treated salt on the market. Coated with Calcium Chloride and a patented bio-based agent, Thunder Melt melts faster and lasts longer while reducing your costs and the damaging effects of salt.

Gets you to a safe surface faster!

Lasts longer with less product application!

Resistant to wind and bounce, it stays put!



We've got the supply to cover your needs!

Other High Performance Treated Salts By the Bulk Load

SnowSlicer

Item # 445205

Thawrox

Item # 445235

**You can make your budget
go further and get better results!**

Contains magnesium chloride and a viscosity modifier that increases effectiveness.

This means better, longer-lasting, more targeted treatments.



WINTER SALT PRODUCTS

Caliber™ M1000

Anti-Icing, Deicing and Pre-wet Agent

Caliber M1000 provides a variety of applications in one, non-toxic, cost-effective product.

ANTI-ICING: As an anti-icer, Caliber M1000 provides superior "anti-bonding" properties, allowing removal of snowpack with simple plowing.

DE-ICING: As a liquid de-icer, Caliber M1000 provides increased performance vs. other liquid products. When applied in a stream pattern, Caliber M1000 vertically penetrates the snowpack and breaks the bond at the road surface.

PRE-WETTING: As a pre-wetting agent for salt and sand, Caliber M1000 reduces bounce and scatter, increases the speed at which the salt begins working, increases the melting capacity of the salt, and permits the use of salt at lower temperatures.

Additionally, Caliber M1000 also reduces corrosion, inhibits crystal formation and product fallout at lower temperatures, and improves roadway traction when compared to other liquid products.

Item #445092 55 Gallon Drums Non-Returnable

Item #445093 250 Gallon Totes

Glacial Technologies NC-3000

Non-Chloride De-Icer

NC-3000 is a clear, green/blue, high performance liquid designed for roadway use, automatic bridge systems, parking structures, and is an ideal alternative for use in sensitive landscape areas, parks, trails, sidewalks, storefronts, as well as residential use.

NC-3000 is safe enough to use on plants as well as agricultural vegetation and is non-corrosive to all common metals. The unique features and benefits of NC-3000 make it an ideal alternative to traditional chloride salt deicing chemicals in those applications in which corrosion or environmental damage is a concern.

NC-3000 maybe used both as a deicing agent to melt ice deposits and aid in their removal, and as an anti-icing agent to prevent the frozen precipitation from accumulating on roadway or walkway surfaces. Timely application of anti-icing agent eliminates or substantially reduces formation of "black ice". It also prevents bonding of snow to road surfaces enabling snowplows to clean to the surface without leaving a layer of packed snow.

Item #445094 55 Gallon Drums Non-Returnable

Item #445095 250 Gallon Totes

Liquid Calcium Chloride

The practice of anti-icing involves the application of a very thin layer of calcium chloride prior to a predicted snow or ice storm. Liquid calcium chloride inhibits the bonding of snow and ice to the pavement, making it easier for snowplow crews to clear roads down to bare pavement.

Item #445018 55 Gallon Drum

Select Liquid Deicer

A high performance potassium acetate based liquid deicer. In commercial application, it can be used in areas where dependability is a must and environmental impact needs to be minimal. SELECT is biodegradable, has low toxicity, low corrosion, and is effective at temperatures below -15° F.

#445059 5 Gallon Dense Pak

#445054 55 Gallon Drum

#445097 250 Gallon Tote

Truck loads also available

Triple Melt Liquid Deicer



Applying Triple Melt® Liquid to sidewalks and traffic areas prior to a winter storm, prevents the bonding of snow and ice to the concrete. Light snows will melt on contact and heavy snows will be much easier to remove.

#445102 5 Gallon Dense Pak

#445103 250 Gallon Tote

Truck loads also available

WinterGreen Liquid Deicer

The first vegetation-positive deicer. With the melting power of liquid calcium chloride, this patented formulation has been proven to not only be gentle on vegetation but can actually have a greening effect.

#445100 5 Gallon Dense Pak

#445010 250 Gallon Tote

Truck loads also available

