

WINTER SALT PRODUCTS

Ice Melter FAQ'S

*Counteract Salt DAMAGE!

Make an application of Gypsum at a rate of 20 to 40 lbs per 100 sq ft in late fall prior to snowfall. The gypsum will help soil drain away harmful impurities.

*How do de-icers work?

- First, your de-icer must create a brine solution with a lower freezing point than that of the surrounding ice and snow. Not all deicers create a this solution in the same way. Some like Calcium Chloride, create their own heat by chemical reaction. Other deicers must first absorb heat.

- It is this brine solution that melts ice and snow. The solution continues to work until it becomes diluted to a point that is no longer effective. The de-icer then must be reapplied.

If snow is more than 2 inches deep, plow or shovel first, then spread the de-icer. Never apply directly to trees, shrubs, flower beds, ground cover, or turf areas. Some de-icers can cause burn or damage to plant material. *Always be sure to follow all label instructions when applying ice melters.*

*Do de-icers attack concrete?

Most de-icers do not chemically attack concrete. Scaling and spalling of concrete is caused by moisture, thawing and refreezing (referred to as freeze/thaw cycles). However, good quality, air entrained concrete is resistant to scaling and spalling during freeze/thaw cycles.

*Can de-icers be used on NEW concrete?

It is not recommended to use de-icer on concrete that is less than 1 year old. Concrete can take up to a year to fully cure. If a de-icer must be used, it is at the risk of the user. It is then advised that the de-icer 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 surface.

Calcium Chloride Pellets #445014

"The Heat is On!"

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

ICE AGE

#445017

Conserv FS's Own

A blend of sodium chloride, calcium chloride, & magnesium chloride. Ice Age™ contains a patented accelerator that speeds conversion of dry ice melting salts to 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: Covers to 7,500 sq ft
SIZE: 50 lb bag



CMA

#445088/ 445081

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

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



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!**

WINTER SALT PRODUCTS

Lightning Premium Ice Melter #445076

"Advanced Wet Salt"

Break through slippery sidewalks with the power of Lightning! Half the work is done when you apply this wet salt, reduces application rates, and gets you to a clean surface FASTER!



BLUE De-icer is Visible & Effective

SIZE: 50 lb bag

MAC

#445056

Contains Activar & CMA

Attacks ice and snow, but it's harm stops there. Endothermic melting actions does not release heat. Safer for carpets, floors, leather footwear & metal surfaces.

SIZE: 50 lb

Magnesium Chloride Flake #445082

"Mag Flake"

Is a flat white crystal that melts ice effectively to temperatures as low as below -25° F.

- Low toxicity, vegetation safe
- Leaves no slippery residue

SIZE: 48 lb

Magnesium Chloride Pellet #445082

"Mag Pellet"

Spherical white pellet that melts ice effectively to temperatures as low as below -25° F.

- Low toxicity, vegetation safe
- Works well in spreaders

SIZE: 50 lb

Mountain Organic

Effective to -23 degrees!

- Concentrated poser begins to work immediately
- Organic Natural Icemelter **SAFE** on concrete & vegetation
- Clean to use, leaves no oily residue



SIZE: 44 lb bag

Power Green

#445084

Formulated with cutting edge bio-based accelerator that significantly improves melt value, acts as a natural anti-caking agent and provides a coverage indicator.

SIZE: 50 lb

Rock Salt/Halite

#445020

A unique blend of large and small sodium chloride crystals. Small crystals melt instantly while large crystals give lasting action.

Provides economical performance effective to 5°F

All Natural, No Additives

Mined from deep within the earth

RATE: 8 oz per sq yd

SIZE: 50 lb

Sizzle

#445071

Effective as low as -25 degrees!

Optimum blend of calcium Chloride and Premium Sodium Chloride.

Melts faster and longer than rocksalt alone. Visible Ice Melt blend is **Lavender** in color, to lower the risk of over application.

Blended

Exclusively for:



SIZE: 50 lb



Titan Blue

445075

Exceeds melt value of rock salt by 28%. Does not damage vegetation or concrete.

- Performance of a calcium chloride blend
- 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



WINTER SALT PRODUCTS

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

WinterGreen Pellets

#445078

Gentle on vegetation and has a greening effect!

Designed specifically to combat the problem of grass & vegetation damage. This pellet is a combination urea and calcium chloride that in brine form, converts to slow release nitrogen fertilizer once it enters the soil! **Size:** 40 lb Bag

Powerful Melting - Fertilizing Properties

(Also available as a liquid de-icer)

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, Zero Ice will not harm grass, concrete, carpet, or shoes, provides traction on slippery surfaces. **Rate:** 1/4 lb (1 cup) **Size:** 50 lb bag

Liquid De-icing Products

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 De-icer

A high performance potassium acetate based liquid de-icer. 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 De-icer

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 De-icer

Gentle on vegetation and has a greening effect!

The first vegetation-positive de-icer. 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

Caliber™ M1000

Anti-Icing, De-icing and Pre-wet Agent

Provides a variety of applications in one, non-toxic, cost effective. Superior "anti-bonding" properties, allowing removal of snowpack with simple plowing. When applied in a stream pattern, Caliber M1000 vertically penetrates the snowpack and breaks the bond at the road surface. As a pre-wetting agent for salt and sand, bounce and scatter is reduced, and the speed at which salt begins working is increased.

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

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. 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.

Item #445094 55 Gallon Drums Non-Returnable

Item #445095 250 Gallon Totes

WINTER SALT PRODUCTS

Bulk Salt



**Rock Salt De-icing Road Salt
#445040**

Dump Unloading

-or-

Pick up Semi-loads

22 - 24 Ton per Dump

Dump unloading, or conveyor available upon request

High Performance Treated Bulk Salt

**Lightning Premium Ice Melt
#445245 *Powered By Fusion!***

LIGHTNING™

Advanced Wet Salt!

Break through slippery black ice with the power of Lightning! Blue de-icer that is visible and effective. Advanced liquid formula improves salt performance.

Reduce Application Rates!

Gets You to a Clean Surface Faster!

Extreme Melting Power at Extreme Temperatures!

Thunder Melt #445235

THUNDER MELT™

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!

Thawrox

Item # 445235

Contains magnesium chloride and a viscosity modifier that increases effectiveness. This means better, longer-lasting, more targeted treatments.

WINTER SALT PRODUCTS

Our Facilities

4304 S Beaumont Ave
Kansasville, WI 53139
 (262) 878-2048

1925 S Meridian Rd
Rockford, IL 61102
 (815) 963-7669

27310 W Case Rd
Wauconda, IL 60084
 (847) 526-0007

14937 IL Route 76
Caledonia, IL 61011
 (815) 765-2571

20048 Webster Rd
Dekalb, IL 60115
 (815) 756-2739

7851 183rd St
Tinley Park, IL 60477
 (708) 532-4723

20515 Harmony Rd
Marengo, IL 60152
 (815) 568-7211

- > Multiple locations for quick product pick up, or delivery!
- > Fork lift delivery available!
- > Over 20,000 bags of Peladow Calcium Chloride in stock!



Certified Turf Specialist



- > Conserv FS is home to your Certified Turf Specialists which means you are working with a partner who stays informed and can bring you the best solution for your ice melting challenges.
- > In an industry where many claims are made about product contents and their activation temperatures, you can be sure to get honest answers from your Certified Turf Specialist or Conserv FS Product Specialists.

Know What You're Buying!

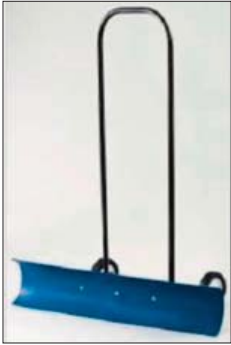


Know Who You're Working With!

11 Product Specialists To Serve You!

Mike Butler, CTS	Kansasville, WI	(262) 206-3706
Kurt Arndt, CTS	Rockford, IL	(815) 703-4143
Jeff Miller, CTS	Wauconda, IL	(847) 815-5742
Don Michaels, CTS	Wauconda, IL	(847) 815-5671
Chris Smith, CTS	Wauconda, IL	(847) 815-5636
Kevin Posner, Specialist	Wauconda, IL	(847) 593-0423
Denny Ellingson, CTS	Caledonia, IL & Dekalb, IL	(815) 703-5461
Jim Brower, CTS	Tinley Park, IL	(708) 532-4723
Scott Armstrong, CTS	Tinley Park, IL	(708) 935-3576
Kyle Jungers, Specialist	Tinley Park, IL	(217) 778-0023

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30SNC by Snowcaster Item# 437038

- > Reduce fatigue, no lifting
- > Blade dimensions, 7.5" w x 36" h
- > 50% More efficient than shovels
- > Angled blade for "wind rowing"
- > Assembles in less than 10 min

Price: \$ 54.76
Pick up Price: \$ 50.32



70SNC by Snowcaster Item# 437034

- > Heavy Duty contractor's model
- > Blade dimensions, 10.5" w x 36" h
- > 50% More efficient than shovels
- > Bi-directional blade, angled
- > Assembles in less than 10 min

Price: \$ 98.60
Pick up Price: \$ 91.80



PP100 Blizzard Buster Item# 437530

- > Poly D Grip
- > ABS head type
- > High density, non-stick plastic

Price: \$ 23.68
Pick up Price: \$ 21.92



PS200 Poly Scoop Item# 437525

- > Poly D Grip
- > ABS head type
- > 44" Fiberglass handle (better than wood)

Price: \$ 23.84
Pick up Price: \$ 21.92



Ice Chisel Item# 438190

- > Break through tough spots
- > 3 3/4" x 6" Socketed pattern
- > Industrial gauge forged steel
- > 48" Ashwood handle

Price: \$ 28.12
Pick up Price: \$ 25.84



Conserv FS Snow Scoop Item# 437478

- > ABS plastic head type
- > 15.25" x 19" scoop
- > 29" hard wood handle
- > Poly D Grip

Price: \$ 25.57
Pick up Price: \$ 23.50



Aluminum Snow Scoop Item# 438135

- > 14.75" x 18.75" Blade
- > 12" Aluminum scoop
- > 29" Ash wood handle
- > Steel/wood D Grip

Price: \$ 38.74
Pick up Price: \$ 35.62



Earthway 2130 Item# 439299

- > Large 13" x 4" stud tires
- > High output 65 lb hopper
- > Rust proof poly protection

Price: Contact your Conserv FS Product Specialist