

**ASSIAN INC**  
Ice Melters That Work.



# Ice Melters That Work<sup>®</sup>



## What We Do

Ossian, Inc. has been committed for more than 30 years to bringing our customers the most innovative products, while giving you more options and solutions than anyone in the industry.

## Lab Testing / University Studies

Using strict SHRP testing methods, Ossian, Inc. does more melting tests than any other ice melt manufacturer or private lab.

Our university research programs have resulted in our customers having the first vegetation-positive ice melter available, as well as the highest performance and most cost effective Ag-based liquid de-icer in the industry.



## Liquid Production

Ossian, Inc. has worked closely with industry experts and our own engineers to build a highly advanced liquid production facility in the de-icer industry.



Over a two year research period, Ossian, Inc. completed more than 1,000 ice melting tests in developing Activar<sup>®</sup> and ProPel<sup>™</sup>. These unique agents accelerate the conversion of dry ice melting salts to a melting brine.

# DRY ICE MELTER

	<p>Sodium Chloride Calcium Chloride Activar®</p> <p><b>Patented</b></p> <p>Blue coverage indicator</p>	<p><i>Triple Melt®</i> is our most popular product. It is the ideal blend with significant calcium chloride content and our Agent Activar®. The ideal balance of performance at a reasonable price.</p> <p>Melts to -15° F</p>	<p>20 lb bag 1100 lb tote 40 lb pail 2000 lb tote 50 lb bag 50 lb carton 100 lb drum</p>
	<p>Sodium Chloride Activar®</p> <p>Blue coverage indicators</p>	<p><i>Eco Melt®</i> is our fastest growing product. We have removed the calcium chloride from this formulation to reduce cost but still retain Agent Activar®.</p> <p>Melts to -5° F and is competitively priced.</p>	<p>40 lb pail 50 lb bag 50 lb carton 100 lb carton</p>
	<p>Calcium Chloride Urea</p> <p>Green coverage indicator</p>	<p><i>WinterGreen®</i> is the result of several years of R&amp;D work with Iowa State University Horticulture Dept., it's the only formulation that can claim to melt ice and snow at -25° F and can have a greening effect on vegetation in the spring.</p>	<p>40 lb bag</p>
	<p>Sodium Chloride CMA Corrosion inhibitors Activar®</p> <p>Red coverage indicators</p>	<p><i>MAC®</i> has exceptional melting power along with the additive CMA (calcium magnesium acetate) and other inhibitors to reduce corrosion.</p> <p>Melts to 0° F</p>	<p>50 lb bag 50 lb carton</p>
	<p>CMA (calcium magnesium acetate)</p> <p>Non Chloride ice melter Biodegradable</p>	<p><i>Ice Guard®</i> is an ideal product for parking ramps and other areas where chloride base ice melters cannot be used. Packaged in fiber drum.</p>	<p>55 lb drum 1400 lb tote</p>
	<p>Calcium Chloride</p> <p>Manufactured by Dow Chemical from natural brine wells.</p>	<p><i>Peladow®</i> is the best known trademark in ice melters.</p>	<p>40 lb pail 50 lb bag 100 lb drum</p>
	<p>Sodium Chloride Activar®</p> <p>Blue coverage indicator</p>	<p><i>Nova®</i> is similar to Eco Melt® above, but is packaged for retail trade.</p> <p>Melts to -5° F</p>	<p>6x10 lb bag/bale 20 lb bag</p>
	<p>Calcium Chloride Calcium Carbonate</p>	<p><i>Walkway®</i> is designed for the transportation industry where the melted slush may not be removed and subject to refreezing.</p> <p>Melts to -25° F</p>	<p>20 lb bag</p>
	<p>Sodium Chloride ProPel™</p>	<p><i>Titan® / Titan® Blue</i> are competitively priced ice melters for those on a tight budget. Titan® Blue contains a blue coverage indicator and our patented accelerator ProPel™</p> <p>Melts to -0° F</p>	<p>50 lb bag</p>



# LIQUID DE-ICER

	<p>Sodium Chloride Degraded Sugar Beet Extract Calcium Chloride</p>	<p><b>Patented</b></p> <p>✓</p>	<p><i>Triple Melt® Liquid</i> applied to sidewalks and traffic areas prior to a storm, prevents the bonding of snow and ice to your concrete. Will melt light snows on contact.</p>	<p>5 gal dense pak 250 gal tote Tank truck</p>
	<p>Calcium Chloride Urea Degraded Sugar Beet Extract</p>	<p>✓</p>	<p><i>WinterGreen® Liquid</i> is the first vegetation-positive de-icer is now available in liquid form. 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.</p>	<p>5 gal dense pak 250 gal tote Tank truck</p>
	<p>Potassium Acetate Degraded Sugar Beet Extract</p>	<p>✓</p>	<p><i>Ice Guard® Liquid</i> is a non-chloride de-icer fortified with our degraded sugar beet extract. This potent formulation is environmentally safe with superior melting capabilities.</p>	<p>5 gal dense pak 250 gal tote Tank truck</p>
	<p>Calcium Chloride Degraded Sugar Beet Extract</p>	<p>✓</p>	<p><i>Intense™</i> is liquid a calcium chloride blended with our patented, ag-based, corrosion inhibitors.</p>	<p>5 gal dense pak 250 gal tote Tank truck</p>
	<p>Potassium Acetate  Liquid non chloride ice melter Biodegradable</p>		<p><i>Select® Liquid De-Icer</i> is a clear liquid and as the name indicates, is for use in selected areas. This non chloride and biodegradable product is ideal for melting snow and ice in environmentally sensitive areas.</p>	<p>2x2.5 gal jug/case 5 gal dense pak 55 gal drum</p>



## Why Liquids?

The best way to fight a winter storm is before it hits. Liquids applied to sidewalks and traffic areas, prior to a weather event, prevents the bonding of snow and ice to your concrete. By preventing this bond from forming, less labor is required for snow removal after the storm.

## Residual Effect

The use of a liquid de-icer brings a residual effect not found in dry material. Applied ahead of a winter storm, even if the forecasted weather arrives later than expected, liquid de-icers can stay effective for several days with out the mess of dry material.

## Easy to Use

Incorporating liquids into your winter toolkit is now easier than ever with the first sidewalk sprayer designed for application of liquid anti-icers.



5 Gal Dense Pak

# The Calm Before The Storm®

The best way to fight a winter storm is before it hits. Ossian's liquid anti-icers applied to traffic areas prior to a storm, prevents the bonding of snow and ice to roads and sidewalks, making the removal of snow much easier.

## "From the Highways to the Walkways"

In order to bring the liquid advantage from the streets to the sidewalks, our customers have access to the first sidewalk sprayer specifically designed for winter application of liquid anti-icers.

For customers ranging from state departments of transportation to building maintenance crews and landscapers, Ossian provides a range of liquids for battling winter conditions.

- **WinterGreen® Liquid** - the first vegetation positive liquid anti-icer in the industry.
- **Triple Melt® Liquid** - the melting power of DOT liquid anti-icers ready for the sidewalk.
- **Liquid Ice Guard™** - a chloride-free anti-icer for environmentally sensitive customers.

250 gal Tote  
5 gal Dense Pak



## WHO WE ARE

For over 30 years Ossian, Inc. has focused on bringing our customers creative solutions to winter de-icing. An INC.500 alumnus, Ossian, Inc. continues to expand the de-icing options to our customers by bringing innovative technologies to our industry.

Our proprietary manufacturing process insures that all raw materials that go into our ice melters are the most effective and spreader friendly in the industry.

Keeping our customers ahead of environmental pressures, Ossian's research continues to develop patented de-icing technology that provides chloride free and vegetation positive runoff, while maintaining a safe surface.

For further information on our products, visit our website at [www.ossian.com](http://www.ossian.com)



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