



CLEARLANE[®] ENHANCED DEICER

*Would you like to
save some green on your
winter maintenance budget?*

*ClearLane[®] enhanced deicer
can help make it happen.*

Industry leaders in the battle against snow and ice are learning that while traditional deicing salt is an exceptional weapon in their battle to keep roads safe, it can be made to work better. Pre-wet deicers work faster, longer and give more effective results. Depending on the chemical selected, pre-wet deicers can also work at lower temperatures. The drawbacks of most pre-wet deicers are the initial investment in additional equipment and replacement cost of equipment, including tanks, hoses, pumps, and nozzles. Cargill Deicing Technology has developed a solution that allows for all of the benefits of pre-wet deicers while eliminating the need for additional capital investments. This enhancement allows for a more cost effective approach for your business. The answer is ClearLane[®] enhanced deicer

Less scatter equals less cost

- In Cargill lab tests, 71% of ClearLane[®] enhanced deicer stays within 18" of where it is spread versus 47% of regular rock salt.
- More product where you need it provides more effective melting per application, helping to reduce fuel, labor and maintenance costs.

Pre-mixed

- Patent-pending mixing system allows for an evenly blended finished product to be delivered.
- No need to purchase any additional equipment.
- No need for additional labor to mix the product allows for a more efficient use of labor, while eliminating unnecessary safety risks.

Corrosion protection

- Tests show that ClearLane[®] enhanced deicer is 67% less corrosive than regular rock salt, helping to extend the life of your equipment.

More visually prominent

- Enhanced color enables snowplow drivers and motorists to see the product on the pavement.

Fewer chlorides in the environment

- Customers using ClearLane[®] enhanced deicer find they need to use 20%-40% less product than regular rock salt, allowing for less chloride use.
- ClearLane[®] enhanced deicer contains a more environmentally friendly anti-caking agent compared to YPS, the anti-caking agent traditionally used in rock salt.*
- Reduced scatter helps the product stay on the road surface and not bounce to tree lawns and shoulders, helping to reduce roadside vegetation burnout.

Less impact on watersheds

- The New ClearLane[®] enhanced deicer's B.O.D. content is less than 300 ppm.
- The B.O.D. level for typical agricultural by-products can be as much as 5,000 ppm.
- New ClearLane[®] enhanced deicer formula contains less than 0.5 ppm phosphorus.
- The phosphorus content in agricultural based performance enhancers can be as much as 8 ppm.

Residual effect

- Magnesium chloride remains on the road after each use, helping to prevent a bond from forming between the road surface and precipitation from the next storm.

ClearLane® enhanced deicer

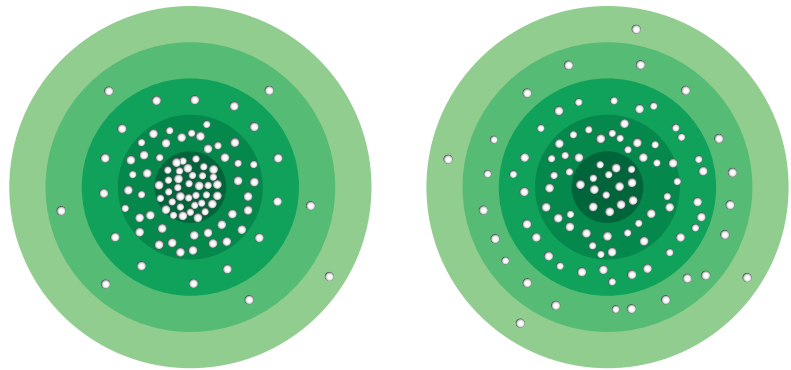
Chemical Analysis:

Component	Units	Typical	Minimum	Maximum
Sodium Chloride	%	98.9	98.6	-
Surface Moisture	%	0.01	-	0.02
Water Insoluble	%	0.02	-	0.04
Calcium	%	0.31	-	0.45
Sulfates	%	0.73	-	0.96
Magnesium	%	1.2	0.9	1.4
Copper	Ppm	-	-	+/-0.1
Heavy Metals	Ppm	-	-	<4
MgCL2	%	31	27	36

Distance of Scatter

ClearLane® enhanced deicer

ASTM grade salt



6"

12"

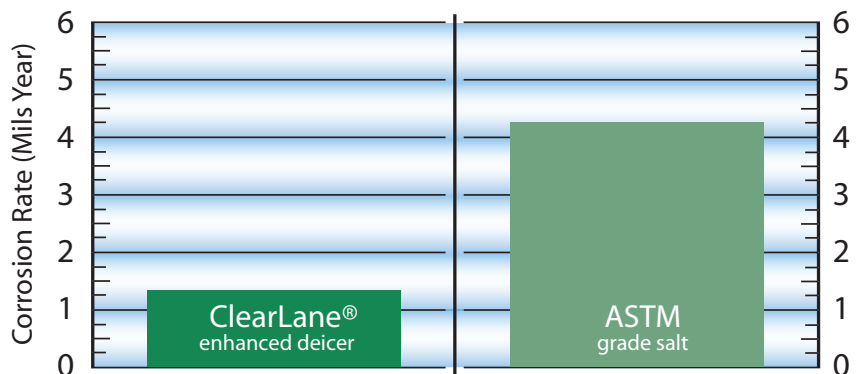
18"

24"

30"

In Cargill lab tests, 71% of ClearLane® enhanced deicer stays within 18" of where it is spread versus 47% of regular rock salt.

Corrosion Rate



Test show that ClearLane® enhanced deicer is significantly less corrosive than regular rock salt, helping to extend the life of your equipment.

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* Although all ClearLane® enhanced deicer contains this environmentally friendly anti-caking agent, YPS is present in the rock salt used at some ClearLane® enhanced deicer production facilities.