

# ClearPath™

## Ice-Melt Crystals

“The whole is greater than the sum of the parts.”

### What is ClearPath™?

CariSal, the manufacturer of ClearPath, uses a proprietary manufacturing process to fuse sodium chloride and calcium chloride so that each crystal combines the exact ratio of rock salt and calcium chloride for maximum efficiency. It has long been known that using rock salt and calcium chloride together produce superior results, relative to using either by itself. There are various blends that attempt to achieve these results, but blends are a haphazard mix, and when spread, do not have the rock salt and calcium chloride in the necessary proximity to each other.

ClearPath™ is the **ONLY** product of its kind in the marketplace.

### How does ClearPath™ work?

Rock salt by itself will indeed melt ice; however, its effectiveness decreases as the air temperature gets colder, and a typical application of salt ceases to melt ice at 25 degrees F. Calcium chloride, on the other hand, will absorb moisture from the air (it is also a great desiccant), and in the process gives off heat. Because of these unique properties, calcium chloride is a very effective ice melt in very cold conditions.

ClearPath™ uses the heating action of calcium chloride to activate the melting action of rock salt for deep ice penetration at very low temperatures.

Benefits of ClearPath™ include:

- More effective than more expensive pure calcium chloride flake, and produces near similar results to much more expensive pellets.
- Requires much less product than sodium chloride

### =BEST VALUE

- Effective to -15F
- Penetrates ice, faster and deeper, than sodium chloride or calcium chloride acting alone
- Higher efficiency means reduction of total chlorides into environment
- Easy to handle and store



### How is ClearPath™ different than ice-melt blends in the marketplace?

ClearPath™ is manufactured in a way to form sodium chloride and calcium chloride as a di-crystal, containing the perfect ratio of both salts. Blends merely mix rock salt and small portions of various chloride salts. Depending on the mixing process, blends can vary widely in salt distribution bag to bag. Further, with blended products, you rarely know what you are buying. With ClearPath, you know the product contains a consistent ratio of salt and calcium chloride in every di-crystal to produce consistent, but more importantly, superior results with every application. The power of our di-crystal process simply gives the best results available, with the best overall value.

## CLEARPATH PROFESSIONAL ( 80/20 )

## VS. CLEARPATH PREMIUM ( 90/10 )

The ratio of rock salt to calcium chloride for our Professional product is 80/20. The ratio is 90/10 for our Premium product.

We developed our 80/20 crystal for the professional market, where you need the best possible results, even in the harshest conditions. For slightly milder conditions, or perhaps lighter traf c areas, our Premium 90/10 crystal will produce the desired results.

## RECOMMENDED APPLICATION RATES

- Roadways: 300 lbs./lane mile
- Sidewalks and Parking Lots: .25 lb./sq.yd.

## NON-DAMAGING TO CONCRETE

The story on concrete is actually quite simple. Chloride-containing ice-melt products, irrespective of their make-up, do not chemically attack properly poured and cured concrete. The one key to remember is that concrete has to be properly cured prior to using any and all chloride products.

## PETS AND VEGETATION FRIENDLY

There are a lot of unsubstantiated claims regarding "environmentally safe". Once again, the story is quite simple. The smaller amount of chloride containing product needed per unit area, the fewer chlorides released into the accompanying environment. ClearPath is very efficient relative to other ice-melt products, hence is more "environmental friendly." Please visit our web-site for links to independent technical articles that address this issue in much greater detail. [www.clearpathicemelt.com](http://www.clearpathicemelt.com)

## MANUFACTURING PLANT LOCATION

CariSal's manufacturing site in Middletown, N.Y. The site is located:

- 3 miles from I-84
- less than 1.5 hours from New York City
- 1 hour from I-80 in Pennsylvania
- within 8 hours or less or most Midwest and North east locations

CariSal operates 24 hours per day/ 7 days each week and is capable of loading 60 trucks in a day. Our customer service is available to take orders and deliver within 24 hours (for customers already in the system).

## CONTACT US



**NATIONAL  
SEED**

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