

# FAQ's

## **Are any Ultraviolet Ice Melt products harmful to vegetation?**

In proper quantities and if properly applied, NO.

More does not mean better. Proper application is important for safety and performance. Excessive application of any ice melter may harm vegetation. To reduce risk, apply product according to package instruction and promptly remove snow, ice and slush from walkways after achieving melting results. If the recommended application of ice melt does achieve desired melting result apply a product containing the ingredients better suited for your climate

## **Are any Ultraviolet Ice Melt products harmful to people and animals?**

In proper quantities and if properly applied, NO.

Please refer to the SDS for additional information.

## **How much Ice Melt is necessary for proper application?**

Rate of application may vary due to temperature, snow depth and ice content.

The suggested application rate is 50 pounds per 900 square feet.

It is also recommended to remove excess slush after the product has activated.

## **How quickly can I expect the Ice Melt to work?**

This depends on the product and the conditions but generally allow 15-30 minutes for product to achieve desired results.

## **Is any of the Ice Melt safe for concrete?**

When applied properly, de-icing products alone will not harm air-entrained, properly cured concrete. If unsure of the quality of the concrete surface, consult a concrete professional. It is the freeze-thaw cycle that degrades concrete over time. Liquid is absorbed into the pores of the concrete and expands upon freezing. This cycle occurs any time ice is melted and a refreeze takes place. Utilizing brine from a chloride-based ice melt product lowers the freezing temperature, lengthening the time before refreezing occurs. Only 100% CMA (Viper 2.0) should be used on concrete less than 1 year old.

## **What Ice Melt should I be using?**

For asphalt surfaces you may utilize an economical solar salt.

For concrete surfaces it is recommended to use a blended ice melt product containing either magnesium or calcium chloride. These blends lower the freezing temperature, reducing damage to the surface by reducing the freeze-thaw cycle.

Do not use any chloride-based snow and ice melt on concrete less than one year old or concrete that was not properly finished, cured or air-entrained; spalling or flaking may occur. For new concrete use Viper 2.0

Ice melting is chemistry. It is a science. Utilize an ice melt product containing enough hygroscopic ingredient (magnesium or calcium chloride) to achieve the desired effect for the climate.

If metal corrosion is of great concern i.e., helipads, parking structures, runways, or bridges utilize product containing at least 20% CMA (Viper Melt).

## **Can I use ice melt on my roof for ice dams?**

Chloride ice melt products may be corrosive to metal downspouts and other roofing components. For ice dam prevention and removal utilize Viper Roof Rolls and Viper Ice Guard Kit.