

Power Enhancers

Like rock salt, brine's performance can be enhanced. Organic based with IBG Magic liquid is extremely effective when added at 20% to boost brine's performance.

Super Blend

Blend both an exothermic chloride such as Magnesium Chloride and an organic enhancer (DCS) and you'll have the ultimate brine that embodies the best of all possible characteristics. This super-blend brine will melt snow and ice to -10° F, provide superior anti-bonding with some residual effectiveness and is less corrosive than salt brine or calcium chloride. This deicer performs so well that the application rate can be reduced from 70 gallons per acre to as little as 40 gallons per acre. When it comes to organic enhancers, the carbohydrate content is the single most important factor to consider. The higher the carbohydrate concentration, the better the enhancer will improve brine's performance.

Enhancing brine with an organic enhancer reduces chloride emissions for two reasons. Pure organic enhancers are chloride free; therefore, the brine's overall chloride content will be reduced by the same percentage of organic enhancer added to the overall blend. That, coupled with a reduction in the application rate, will reduce overall chloride emissions dramatically. When enhancing brine with the IBG Magic to create an enhanced brine at a rate of 20%, the brine's ice-melt capacity and freeze point are enhanced without negatively affecting the brine's friction values.



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IBG MAGIC

* THE REAL MAGIC *

MUNICIPALITIES & CONTRACTORS

HIGH
PERFORMANCE
ICE MELT

ORGANICALLY BASED
PERFORMANCE ENHANCED BRINE
A.K.A. OBPE SUPER BRINE

A PATENTED, AGRICULTURALLY ENHANCED ICE MELTER

Here Are The Facts

Enhanced Super Brine:

- ◆ Increases the working temperature range salt brine at 23.3% salinity with 20% IBG Magic will now have an effective working temperature down to -10°. That is a game changer in working temperature from 18° above zero to -10°.
- ◆ Corrosion reduction: Salt brine that is enhanced with IBG Magic will have a reduction in corrosion compared to straight brine.
- ◆ Significant reduction in application rates: IBG Magic reduces the number of application rates compared to straight salt brine by a minimum of 30% .
- ◆ Stays where you apply it: Your enhanced brine will work more effectively where it is applied since the IBG Magic will perform as a tackifier. Simply put, the addition of the IBG Magic will allow the water to evaporate while aiding the micro particles of salt to stay on the pavement surface where they belong. Keeping this Enhanced Super Brine on the pavement will ensure you achieve your goals.
- ◆ Chloride Reduction: Again reducing the total chloride on the environment.

Here is an example for IBG Magic treated salt and IBG Magic enhanced super brine:

If you apply 30% less material since you have treated your white salt with IBG Magic your application rate would be 250 lbs to 300 lbs. of IBG Magic Treated salt per acre, 1 ton will cover over 6 plus acres.
(2000 lbs / 300 lbs = 6.66)

With Enhanced Super brine that same 1 ton of salt will make approximately 874 gallons with 20% (175 gallons of IBG Magic). If you apply brine at 40 gallons per acre you can cover 21 plus acres.

