

CryoMelt CryoBlend 80/20



CryoMelt CryoBlend 80/20 is a pre-made liquid comprised of 80% NaCl Brine & 20% of our CryoMelt C Organic Bio-Polymer. The product is Calcium and Magnesium Chloride free!

DESCRIPTION & USES

CryoMelt CryoBlend 80/20 liquid is a convenient pre-made product that can be used for pre-wetting, anti-icing & de-icing **without any Calcium or Magnesium Chlorides** in its makeup. We do all the mixing using our **CryoMelt C Concentrate** blended with 23.3% sodium chloride brine. The appearance of the product is a semi-clear amber liquid. The Bio-Polymer in **CryoBlend 80/20** provides snow and ice control performance superior to standard salt brine with less corrosion. The robust residual effect of the organic biopolymer in **CryoBlend** equates to the product remaining on the pavement longer which ultimately means less product needs to be used for the same level of service. Plus it is far more biologically stable than other organics so it will not break down or ferment in your tanks.

CryoMelt CryoBlend organic, the biopolymer organic in CryoMelt is sourced from an agriculturally renewable feedstock that doesn't compete w/ food production. It has been further refined to remove suspended solids that might clog sprayer heads or leave excessive sediment in your tanks. It is artfully blended for maximum melting performance.

APPLICATION GUIDELINES

Liquids are your most valuable tool to reduce chloride runoff into the environment. However, liquids are not meant to totally replace dry products. Liquids are most effective when applied to the pavement before an event (anti-icing) or applied to rock salt & other materials (pre-wetting). They



also can be applied to existing snow & ice (de-icing). Because the product has a residual effect it can be applied in advance of a storm. Industry experts often make the statement “The Wetter the Better!” Use **CryoBlend** to substantially improve your winter liquid performance!

Pre-wetting – Application rate is 5-25 gallons / ton of material used at the spinner, in the auger or onto loader bucket when loading truck. Industry experts say “The wetter the better” when describing liquid pre-wetting!

- Melting starts fast. If applied to salt it acts as a liquid accelerator.
- Proven 20% - 35% reduction in material use due to less bounce & scatter.
- Lower corrosion rate than plain rock salt or brines.

Anti-icing – Application rate for anti-icing is .5 - .75 gallons per 1000 square feet (20-30 gls / lane mile.) For frost prevention use half that.

- Prevents bonding of snow and ice to pavement
- Prevents “black ice”.
- Quick and easy application using spray rig with solid stream nozzles spaced 4”-6” apart.

De-icing – Application rate is 40 gallons per lane mile.

- When used as a liquid deicer CryoBlend quickly melts through ice and thin amounts of dry packed snow using straight stream nozzles where it will spread and break the bond between ice & snow and the pavement allowing plows to remove it more easily.

TYPICAL PROPERTIES

Freezing Point.....-12°F (-24°C)
Specific Gravity.....1.18 – 1.26
pH.....6.0 – 9.0

Appearance.....Semi-clear amber liquid with mild odor
Weight/gl.....10.2 – 10.7

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