

Magic-0™ by ProMelt™

Magic-0 by ProMelt liquid concentrate is a proprietary blend of magnesium chloride and agricultural by-products that have been recognized as safer for the environment and authorized to carry the “Designed for the Environment” designation by the US Federal EPA. Magic-0 by ProMelt is a versatile de-icing liquid that can be used for anti-icing, on board pre-wetting or pre-treated salt.



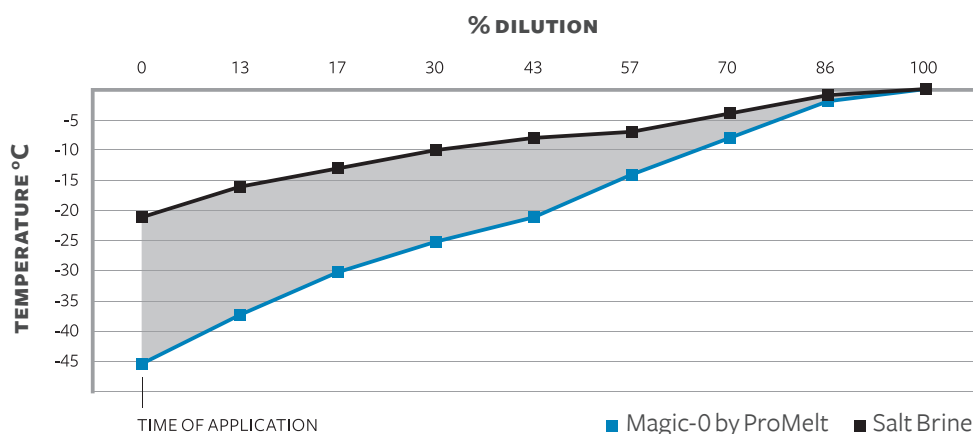
Features and Benefits:

Magic-0 by ProMelt is a premium liquid de-icer that is economical and delivers superior performance in colder environments with a eutectic point of approximately -45°C.

- Salt pretreated or pre-wetted with Magic-0 by ProMelt works at lower temperatures than traditional dry salt.
- Magic-0 by ProMelt reduces bounce and scatter thereby reducing salt application rates which saves time, labour, fuel and materials.
- Meets the stringent requirements of the PNS (Pacific Northwest Snowfighters) for corrosion, toxicity and performance.
- Magic-0 by ProMelt can also be used as an enhancer to salt brines to reduce corrosion, lower freeze points and increase working time.
- Strong residual effect provides lasting performance and reduces chloride brine runoff.



Comparative Effective Temperatures During Dilution



Metal Corrosion Tendency

De-Icing Fluid	PNS Relative Corrosion Rate
Distilled Water	0
Magic-0 by ProMelt	11.9
Magnesium Chloride	80
Rock Salt (NaCl)	100
Calcium Chloride 30%	121

Disclaimer: Application rates are just guidelines. The end user is recommended to adjust application rates based on weather conditions, level of service goals and experience. The guidelines presented are made without guarantee, warranty or responsibility of any kind on our part.

Typical Product Application Rates

Magic-0 by ProMelt is specifically designed for anti-icing, direct application de-icing, frost prevention and prewetting of solids. Typical liquid application guidelines are:

Anti-Icing

Application rates of 40 - 70 litres per lane kilometre are typical. Up to 90 litres per lane kilometre should be considered the maximum in any anti-icing situation.

Direct Liquid Application De-Icing

Application rates of 90 - 100 litres per lane kilometre.

Frost Prevention

Application rates of 20 - 40 litres per lane kilometre are standard. These rates can vary depending on storm conditions and service level goals.

Pre-wetting

Application rates from 20-60 litres per tonne of substrate, depending upon the solid used and the performance objective.

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