

Headwaters[®] HOT Salt Brine Enhancer

Product Data Sheet (PDS)

Manufactured by PELICAN CHEMICALS, **Headwaters[®] HOT** is a salt brine additive that both improves the melting capacity and reduces the corrosiveness of salt brine deicer. This deicing innovation bundles a high concentration of calcium chloride with a biobased, biodegradable, and clean inhibitor. Headwaters[®] HOT is Clear Roads Category A-3 QPL listed, so you know it's a product you can trust.

TECHNICAL DATA

Appearance:	Clear/Light Cloudy Amber Liquid
Uses:	Enhancing additive for brine/sodium chloride-based deicers. Brine enhanced with Headwaters HOT can be used for anti-icing (pre-treating roads), deicing or pre-wetting salt in the truck or at the spinner.
Specific Gravity (@68°F):	1.32-1.34
pH:	7.0 – 8.0
Density/Volume (@68°F):	1.33 g/mL 11.09 lbs./Gallon 180.34 Gallons/Short Ton 752.3 Liters/Metric Ton
Freeze Point:	<-20°F
Suggested Addition Rate:	Add 19% by volume with sodium chloride brine (23.3% NaCl). 19 gallons of <i>Headwaters[®] HOT</i> added to 81 gallons of brine will produce 100 gallons of enhanced/inhibited brine.
Finished Brine Concentration:	5-7% calcium chloride 18-20% sodium chloride
Corrosion Rate of Finished Brine:	Certified 3-Day Corrosion Rate of 27.4% (NACE PNS) <i>72.6% less corrosive than uninhibited brine</i>
Certification(s):	Clear Roads QPL- Category A3

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