

## *Headwaters<sup>®</sup> Corrosion Inhibitor (18F)*

### Product Data Sheet (PDS)

Manufactured by PELICAN CHEMICALS, *Headwaters<sup>®</sup> Corrosion Inhibitor* is a salt brine additive that reduces the corrosiveness of salt brine deicer. This deicing innovation is a biobased, biodegradable, and clean inhibitor. Headwaters<sup>®</sup> Corrosion Inhibitor is Clear Roads Category A-1 QPL listed, so you know it's a product you can trust.

### TECHNICAL DATA

<b>Appearance:</b>	Clear/Light Cloudy Amber Liquid
<b>Uses:</b>	Corrosion Inhibitor additive for brine/sodium chloride-based deicers. Brine enhanced with Headwaters Corrosion Inhibitor can be used for anti-icing (pre-treating roads), deicing or pre-wetting salt in the truck or at the spinner.
<b>Specific Gravity (@68°F):</b>	1.213-1.226
<b>pH:</b>	6.0 – 8.0
<b>Density/Volume (@68°F):</b>	1.22 g/mL 10.18 lbs./Gallon 197 Gallons/Short Ton 820 Liters/Metric Ton
<b>Freeze Point:</b>	18°F
<b>Suggested Addition Rate:</b>	Add <b>3.5% by volume</b> with sodium chloride brine (23.3% NaCl). 3.5 gallons of <i>Headwaters<sup>®</sup> Corrosion Inhibitor</i> added to 96.5 gallons of brine will produce 100 gallons of inhibited brine.
<b>% Solids (by weight):</b>	38%
<b>Finished Brine Concentration:</b>	22.5% sodium chloride
<b>Corrosion Rate of Finished Brine:</b>	Certified 3-Day <b>Corrosion Rate of 24.9%</b> (NACE PNS) <i>75.1% less corrosive than uninhibited brine</i>
<b>Certification(s):</b>	Clear Roads QPL- Category A1

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