



Alpine Ice-Melt®, a 50% w/w potassium acetate solution, is an environmentally safe and effective alternative to chlorides. It is friendlier to corrosion sensitive infrastructures such as bridges and parking decks, and is effective in the most extreme winter conditions. Alpine Ice-Melt is listed as a Pacific Northwest Snowfighters (PNS) qualified product with an exceptional corrosion % rate effectiveness. Alpine Ice-Melt® is actively applied to bridges by various DOTs.

TYPICAL PROPERTIES

Active Ingredients	50% wt materials
pH, as is	9.5–10.5
Specific Gravity @ 68°F (20°C)	1.27–1.30
Density, lbs/gal @ 68°F (20°C)	10.58–10.83
Appearance	Clear, nearly colorless liquid
Odor	Mild, characteristic
Water Miscibility	Complete
Freezing Point	-72°F (-58°C)
Effective to	-25°F (-32°C)
BOD (5 day), g O ₂ /g of fluid @ 68°F (20°C)	0.25
COD g O ₂ /g of fluid @ 68°F (20°C)	0.35
Flash Point	Non-flammable, no flash at 212°F (100°C)

Temperature °C	Viscosity cPs (centipoise)
20	5.5
10	7.0
0	11.4
-10	29.3
-20	35.9
-30	74.4
-40	184.5



**INFORMATIONAL ONLY

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