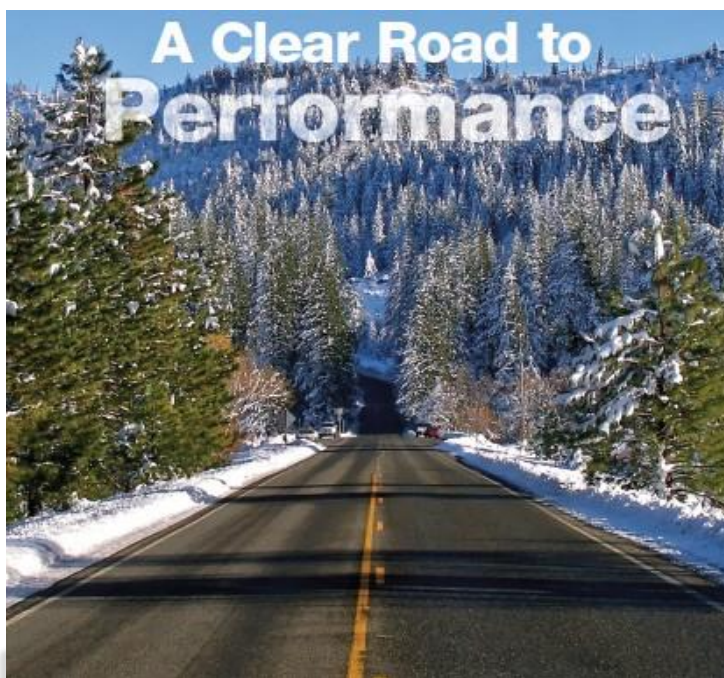


PROTEK®-50°

Enhanced Liquid Deicer

PURE SCIENCE => Consistent, Predictable Performance

Smart road-maintenance professionals think fast by prewetting rock salt and abrasives with high performance liquids to enhance their ice-melting process. With environmental, cost, and safety pressures growing, **PROTEK-50°C®** is the ideal solution! Scientifically tested and proven, **PROTEK-50°C®** provides maximum performance while minimizing environmental impact. **PROTEK-50°C® melts faster and at lower temperatures** while reducing your costs and your salt consumption.



Pure Scientific Performance

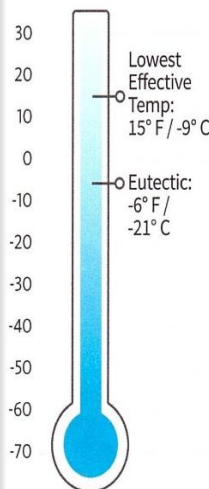
- ✓ **PROTEK-50°C®** is supported by pure objective science. No unpredictable performance associated with mixed brines or mysterious “too good to be true” additives and ingredients.
- ✓ **Don't Be Fooled!!!** Are you really sure what is in your tank, your truck or what is being put on your road?
- ✓ **High purity guaranteed.** Consistent predictable results under all conditions.
- ✓ **Enhancing Additives Available!**

SALT MANAGEMENT OBJECTIVES

- ✓ **PROTEK-50°C®** gets you to a safe surface faster and lasts longer.
- ✓ Much more effective at lower temperatures.
- ✓ Resistance to wind and bounce, **PROTEK-50°C®** stays where you put it reducing need for heavy applications. (20-40% savings)
- ✓ Less product applied means fewer trips back to your yard, saving fuel, equipment wear and labour costs.

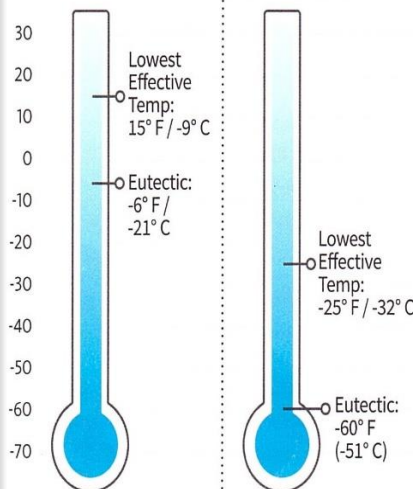
Sodium Chloride (NaCl)

23.3% Eutectic Concentration



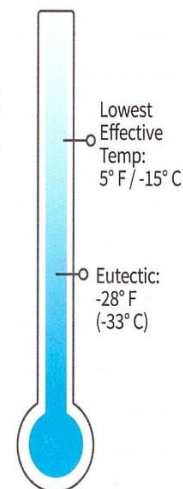
Calcium Chloride (CaCl₂)

29.8% Eutectic Concentration



Magnesium Chloride (MgCl₂)

21.6% Eutectic Concentration



FREEZEPOINTS AND MELTING CAPACITIES

Calculated Melting Capacities		Kilograms Melted per Litre of Ice Melt			
Liquid Deicer	Freeze Point	-5°C	-10°C	-20°C	-30°C
23.3% Sodium Chloride	-20° C	2.20	0.76	0.01	0.00
22% Magnesium Chloride	-33° C	2.12	1.21	0.43	0.00
27% Calcium Chloride	-40° C	2.75	1.36	0.44	0.16
29% Calcium Chloride	-50° C	3.11	1.58	0.58	0.25



"Results of a study conducted by the MTO showed that prewetted salt outperformed dry salt in most test cases, reducing snow cover up to 40%. Calcium chloride outperformed both magnesium chloride and salt brines by up to 71%."

Ruth W. Stidger, Better Roads, June-2006

***Pure & Clear
Meets / Exceeds PNS,
OPSS, ASTM and AASHTO
Specification Standards!***

THE DA-LEE GROUP OF COMPANIES

- **Da-Lee Dust Control – Stoney Creek Ontario**
- **Morris Chemical – Lakefield Ontario**
- **Denchem Surface Solutions – Cornwall Ontario**
- **Multi-Routes Inc. – Montreal Quebec**



350 Jones Rd, Stoney Creek, ON L8E 5N2 (contact@daleegroup.com)

www.daleegroup.com

Da-Lee 1-800-268-4490

Morris 1-888-774-4445 | Denchem 1-613-931-2227

PROTEK -50°C® Premium Deicing LIQUID