



GEOMELT[®] S7 Anti-icing/Deicing Fluid

Product Data Sheet

GEOMELT[®] S7 Anti-icing/Deicing fluid is a natural agricultural product derived from renewable resources and blended with sodium chloride brine that features snow and ice control performance superior to traditional brines, but less corrosive. GEOMELT[®] S7 will reduce salt application rates by ~30% and substantially reduce operating costs while providing a sustainable and environmentally sensitive alternative. [PNS-Qualified Product](#)

Typical Properties

Appearance	Brown	Freeze Point	-30°F(-35°C)
Dry Solids	33 - 35%	pH	6.0 – 8.5
Specific Gravity	1.23 – 1.28	Water Solubility	Complete
Wt. / Gal.	~10.0 pounds/gal		

Applications

GEOMELT[®] S7 Anti-icing/Deicing fluid is highly effective for prewet, anti-icing and deicing. The suggested usage levels should be considered as starting points and should be adjusted based on field operator experience, current local conditions and weather expectations.

Prewet



Apply 6–10 gals / ton (21–42 liters / metric ton)**
 Apply at spinner or auger
 Reduce application rate 30%
 Freeze point -30°F (-35°C)
 Reduce bounce and scatter loss

Reduce Operating Cost
 Truck and Employee can cover 30% more area
 Reduced corrosion
 Reduce equipment replacement cost
 Increase Manpower & Equipment efficiency
 Can use gravity flow application equipment

** Apply at recommended GEOMELT[®] blend ratios directly related to environmental conditions



Anti – icing

Apply before storm event to prevent Bonding
 Apply at 20-30 gals / Ln mile(47-71 ltrs / kilometer)**
 Reduced application rates 30%
 Reduce application rate for Frost protection - bridges
 Residual will last 4-6 days
 Truck and Employee can cover 30% more area
 Prevents snow & ice bonding – removal easier
 Increase Manpower & Equipment efficiency
 Reduced corrosion
 Commercial sidewalks 1-2 fluid oz per square yard

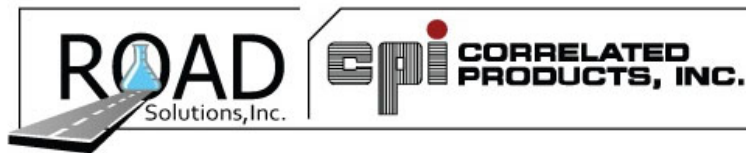


Deicing

Allow product to penetrate – breaking bond to road
 Burns through hardpack to break bond with road
 Apply at 50-60 gals / Ln mile (190-225 ltrs / kilometer)**
 Commercial sidewalks 3-4 oz per square yard

** Apply at recommended GEOMELT® blend ratios directly related to environmental conditions.

GEOMELT®55 is produced under U.S.Patent #6,080,330, additional Patents Pending.
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