

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

PDSgeoS7-042414

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

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

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
Apply at 50-60 gals / Ln mile(190-225 ltrs / kilometer)**

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



Burns through hardpack to break bond with road
Commercial sidewalks 3-4 oz per square yard

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

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