

## GEOMELT® S8 Anti-icing/Deicing Fluid Product Data Sheet

GEOMELT® S8 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® S8 is manufactured using 80% of a 23% sodium chloride brine and 20% GEOMELT® 55 (which is a desugared beet juice derivative). GEOMELT® S8 will reduce salt application rates by ~30% and substantially reduce operating costs while providing a sustainable and environmentally sensitive alternative.

### Typical Properties

<b>Appearance</b>	Brown	<b>Freeze Point</b>	-30°F(-35°C)
<b>Dry Solids</b>	33 - 35%	<b>pH</b>	6.0 – 8.5
<b>Specific Gravity</b>	1.23 – 1.28	<b>Water Solubility</b>	Complete
<b>Wt. / Gal.</b>	~10.0 pounds/gal	<b>23% Brine by vol.</b>	80%

### Applications

GEOMELT® S8 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

\*\* 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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