



888-840-5564

## Product Data Sheet GEOMELT<sup>®</sup> S Anti-icing/Deicing Fluid

GEOMELT<sup>®</sup> S 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<sup>®</sup> 55 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>Wt. / Liter</b>	1.22 kg / liter
<b>Dry Solids</b>	38 - 42%	<b>Freeze Point</b>	-40°F(-40°C)
<b>Specific Gravity</b>	1.22 – 1.28	<b>pH</b>	6.0 – 8.5
<b>Wt. / Gal.</b>	10.2 pounds/gal	<b>Water Solubility</b>	Complete

### Applications

GEOMELT<sup>®</sup> S 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 -40°F (-40°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<sup>®</sup> 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

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

## Deicing



Allow product to penetrate – breaking bond to road  
Apply at 50-60 gals / Ln mile( 190-225 ltrs / kilometer)\*\*

Burns through hardpack to break bond with road  
Breaking bond makes removal easier

\*\* 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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PDSgeoS