

Product Data Sheet

GEOMELT® plus Anti-icing/Deicing Fluid

GEOMELT® plus is a natural organic product blended with de-sugared Beet Juice and Natural Brine that features snow and ice control performance superior to traditional brines. **GEOMELT® plus** will reduce salt application rates by ~30% and substantially reduce operating costs while providing a sustainable and environmentally sensitive alternative. **GEOMELT® plus** contains sodium, calcium, potassium, and magnesium chlorides.

Typical Properties

Appearance	Brown	Freeze Point	-30°F(-34°C)
Specific Gravity	1.24	pH	6.5 – 8.5
Wt. / Gal.	~10.4 pounds/gal	Water Solubility	Complete

Applications

GEOMELT® plus 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 at spinner or auger
 Reduce application rate 30%
 Freeze point -20°F (-28°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

Anti – icing



Apply before storm event to prevent Bonding
Apply at 30-40 gals / Ln mile**
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

Deicing



Allow product to penetrate – breaking bond to road



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

GEOMELT® products are produced under US Patent's, additional Patents Pending.

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