



OCTAGON PROCESS

Cold Weather Aerospace Chemical Specialists

TECHNICAL SPECIFICATION

OCTAMELT

Propylene Glycol / Potassium Acetate Runway Deicing Fluid

PHYSICAL PROPERTIES

- Clear Blue Liquid
- Freezing Point of -50°F
- Density of 9.6 Lbs/gallon at 77°F

APPLICATION

Anti-icing: ½ to ¾ gallon per 1000 ft².

- Remove snow and ice often to avoid fluid dilution.
- Reapply when snow and ice begin to accumulate.

Deicing: ¾ to 1 ½ gallons per 1000 ft²

- Rates depend on temperature & quantity of frozen deposits.
- Use heavier application rates at temperatures near 0°F with over ½ inch of frozen ice/snow.
- Fluid is best used as an anti-icer.
- Apply with existing runway deicing equipment.

STORAGE AND HANDLING

- Store in Mild Steel, Stainless Steel, or Plastic containers.

ENVIRONMENTAL

Biodegradable

BOD₅: 0.32kg O₂/kg Fluid

COD: 0.73 kg O₂/kg Fluid

PimepHales promelas 96 Hr LC₅₀: 5,125mg/L

DapHnia Magna 48 Hr LC₅₀: 2,950mg/L

Does not contain Urea or Potassium Formate.

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