

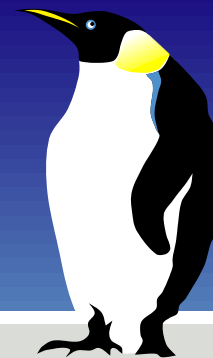
PEAK®

PA

LIQUID
POTASSIUM
ACETATE

Runway Deicer

Product Information Sheet



Description

PEAK® PA Runway Deicing Fluid, a 50% (wt.) potassium acetate solution, is designed for airport applications. This liquid deicer is virtually odorless and contains a triazole-free corrosion inhibitor, so that it is 100% non-toxic. It is effective in extreme winter applications when temperatures are very low. PEAK® PA meets the stringent requirements of AMS 1435A.

Application

DEICING

The primary purpose of chemical deicing is not to melt surface ice, but rather to diffuse down through the snow and ice to break the bond between frozen precipitation and the runway.

(typical use: 1 gal./1000 sq. ft.)

ANTI-ICING

The most cost effective way to utilize runway deicing fluid is by preventing frozen precipitation from sticking.

(typical use: 0.4 gal./1000 sq. ft.)

PREWETTING

When using solid deicer, such as PEAK® SF, better melting efficiency and adhesion occurs with liquid prewetting. (typical use: 70 parts solid to 30 parts liquid)

EQUIPMENT

Standard liquid spraying units can be used. Check with equipment manufacturer for exact recommendations.

Storage and Handling

Storage tanks are recommended to be of stainless steel, fiberglass, reinforced plastic or mild steel coated with protective liner. Clean and inspect equipment before and after the winter season.

Specifications

APPEARANCE Blue*, mobile liquid, free from suspended matter.

FREEZE POINT Lower than -75°F (-60°C)

SPECIFIC GRAVITY 1.265-1.285 @ 60°F

POUNDS PER GALLON, TYPICAL 10.63

pH 9.3 - 10.3

VISCOSITY 20cP @ 32°F (0°C)

FLASH POINT (CC) Nonflammable

SOLUBILITY IN WATER Complete

BIODEGRADABILITY >90%

** Clear upon customer request*

Safety and Environment

Tests show PEAK® PA Runway Deicing Fluid is readily biodegradable with low COD/BOD and aquatic toxicity. Always read and understand Material Safety Data Sheet before using the product.

Benefits

- Active at sub-zero temperature (freeze pt. -75)
- Extended airport operation
- Improved safety during weather event
- Minimal environmental impact
- Cost effectiveness
- Sprayable liquid for ease of application
- Moderate pH range (9.3 - 10.3)



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The Science of Deicing

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