

ORD 2000 PG/UREA RUNWAY DEICING FLUID Product Information Sheet

Description

PG/Urea Runway Deicing Fluid is formulated to meet the new and tighter environmental considerations facing airport operators. It is designed for airport runway applications where low operating temperatures are experienced. PG/Urea Runway Deicing Fluid meets the stringent requirements of AMS 1435.

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. Use about 1 gallon per 1000 sq.ft.. Usage may vary depending on density and depth of frozen precipitation.

ANTI-ICING

The most cost effective way to utilize runway deicing fluid is by preventing frozen precipitation from sticking. (typical use: 1/3 - 1/2 gallon/1000 sq. ft.)

EQUIPMENT

Standard liquid spraying units.

Storage and Handling

Storage tanks are recommended to be of stainless steel, fiberglass, reinforced plastic or mild steel coated with protective liner.

Specifications

APPEARANCE	Blue*, mobile liquid
FREEZE POINT (ASTM D1177)	Lower than -40°F.
SPECIFIC GRAVITY	1.05 - 1.10
POUNDS PER GALLON, TYPICAL	9.1
pH	9.5 - 10.5
FLASH POINT (CC)	None

** Clear upon customer request*

Benefits

- Active at sub-zero temperatures
- Excellent snow melting characteristics
- Allows extended airport operation during weather event
- Sprayable liquid for ease of application
- Moderate pH range (9.5 - 10.5)
- PG deicer is not subject to the reporting requirements of EG deicer fluids.

Safety and Environment

Tests show PG/Urea Runway Deicing Fluid is biodegradable in both surface waters and wastewater treatment plants. Always read and understand Material Safety Data Sheet before using the product.



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