



SAFE RUNWAYS AND A CLEAN ENVIRONMENT

SPEC: CRYOTECH E36[®]

LIQUID RUNWAY DEICER

Cryotech E36[®] is an AMS 1435 certified liquid potassium acetate that provides reliable, exceptional performance while limiting environmental impact. E36 is non-persistent and biodegradable, works quickly and effectively, and can be applied with existing liquid deicing equipment.

PERFORMANCE

- Industry leading anti-icing characteristics
- Effective to -20°F (-29°C)
- Less slippery than glycol-based products

ENVIRONMENT

- Low BOD
- Readily biodegradable
- Does not contain urea or glycol
- Recognized as “relatively harmless” by U.S. Fish and Wildlife scale

APPLICATION

- Prewetting - apply at spreader outlet at a rate of 1.25 gallons per 100 lbs (130g/kg) of solid deicer such as Cryotech NAAC[®]
- Anti-icing:
 - 0.5 gallons/1000ft² (25g/m²)
- Deicing:
 - 1 gallon/1000ft² (50 g/m²) near 32°F (0°C) on thin ice
 - 3 gallons/1000ft² (150 g/m²) below 10°F (-12°C) on 1 inch ice
- Re-apply when new accumulation shows first tendency to bond
- Plow and broom often to reduce fluid dilution

STORAGE AND HANDLING

- E36 should not be stored or plumbed through systems that use galvanized, zinc, or brass components
- Polyethylene containers are preferred, otherwise use carbon, low alloy, or stainless steel containers
- Best practices include storing totes and drums in areas protected from weather and exposure to direct sunlight
- Containers must be clean and free of rust, surface deposits, and residues



ISO 9001
FM 39092



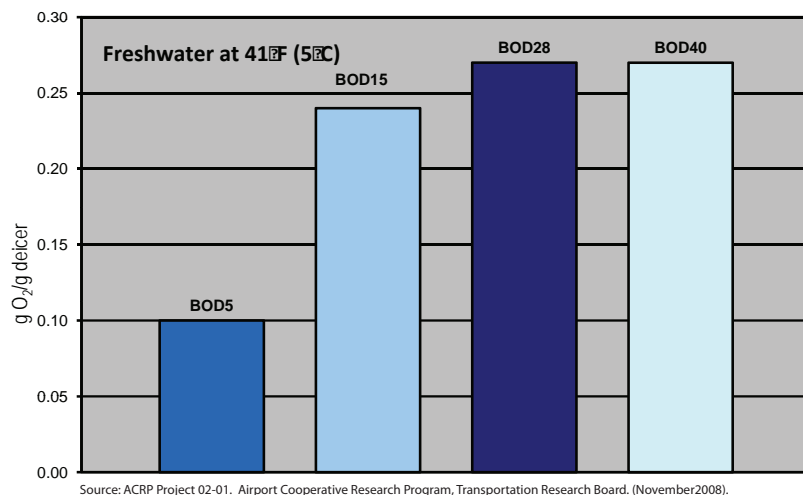
ISO 14001
EMS 89384

AN ISO 9001:2008 & 14001:2004 CERTIFIED COMPANY

CRYOTECH E36[®] SPECIFICATIONS:

COMPOSITION	50% aqueous potassium acetate solution, by weight, plus corrosion inhibitors
APPEARANCE	Clear, colorless*, mobile liquid, free from matter in suspension
DENSITY	At 68°F (20°C) = 10.68 lbs/gallon (1.28 g/cm ³)
VISCOSITY	At 68°F (20°C) = 10cp maximum At 32°F (0°C) = 20cp maximum
FLASH POINT	Nonflammable
FREEZING POINT	-76°F (-60°C)
MISCIBILITY WITH WATER	Complete
TYPICAL pH	11.0 ± 0.5
SPECIFIC GRAVITY	At 68°F (20°C) = 1.25 - 1.30
PACKAGING	55 gallon drums (208 liters) - (4 minimum) 265 gallon tote (1003 liters) - (1 minimum) Bulk - (4400 gallons minimum) *MAY BE DYED BLUE AT CUSTOMER REQUEST

Biological Oxygen Demand for Cryotech E36[®]



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TO ORDER OR FOR PRODUCT INFORMATION CONTACT:
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