

# CRYOTECH E36<sup>®</sup>

Liquid Runway Deicer

AMS 1435 Certified



## Why Cryotech E36?’

Cryotech E36 liquid runway deicer is a high-performing 50% aqueous potassium acetate solution by weight. It contains no urea or glycol and is stable in storage with no agitation required. It is the industry standard for use on airside pavements such as runways, ramps, and helpads. E36 can be used as an anti-icer or deicer and its effectiveness is enhanced when used in combination with Cryotech NAAC<sup>®</sup> solid runway deicer.

## BENEFITS

- Sprays effectively at low temperatures
- Less slippery than glycol-based products
- Remains stable in long term storage
- Complimentary customer training upon request

## PERFORMANCE

- Industry leading anti-icing characteristics
- Effective to -25° F (-32° C)
- Low freeze point -76° F (-60° C)

## ENVIRONMENT

- Readily biodegradable low BOD and COD
- Low toxicity to fish and mammals; recognized as “relatively harmless” by the U.S. Fish and Wildlife Scale
- Does not contain urea or glycol

## APPLICATION

- Prewetting: Apply at spreader outlet at a rate of 1.25 gallons per 100 lbs (120 g/kg) of solid deicer, such as Cryotech NAAC
- Anti-icing: 0.5 gallons/1000ft<sup>2</sup> (25 g/m<sup>2</sup>)
- Deicing: 1 gallon/1000ft<sup>2</sup> (50 g/m<sup>2</sup>) near 32°F (0°C) on thin ice  
3 gallons/1000ft<sup>2</sup> (150 g/m<sup>2</sup>) below 10°F (-12°C) on thick ice
- Re-apply when new accumulation shows first tendency to bond
- Plow and broom often to reduce fluid dilution





## PRODUCT SPECIFICATIONS

COMPOSITION	APPEARANCE	DENSITY	VISCOSITY
50% aqueous potassium acetate solution, by weight, plus corrosion inhibitors	Clear, blue*, mobile liquid, free from matter in suspension	10.68 lbs/gallon	At 68° F (20° C) = 6 cP At 32° F (0° C) = 12 cP At -10° F (-23° C) = 49 cP
FLASH POINT	FREEZING POINT	MISCIBILITY WITH WATER	pH
Nonflammable	-76° F (-60° C)	Complete	10.5 to 11.5
SPECIFIC GRAVITY	PACKAGING	HANDLING	
At 68°F (20°C) = 1.25 - 1.30	55 gallon drums (208 liters) - 4 drum minimum 265 gallon tote (1003 liters) - 1 tote minimum Bulk - 4400 gallons (16,656 liters) minimum *MAY BE COLORLESS AT CUSTOMER REQUEST	<ul style="list-style-type: none"> <li>E36 should not be stored or plumbed through systems that use galvanized, zinc, or brass components</li> <li>Polyethylene or stainless steel containers are preferred, otherwise use carbon or low alloy steel if clean and free of rust, surface deposits, and residues</li> <li>Best practices include storing totes and drums in areas protected from weather and exposure to direct sunlight</li> </ul>	

**Readily Biodegrades even at Cold Temperatures**  
% Biodegraded at 41°F (5°C)

Time	% Biodegraded
5 day	~30%
15 day	~75%
29 day	~85%

### TO ORDER OR FOR PRODUCT INFORMATION CONTACT:

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