

# CRYOTECH E36<sup>®</sup>

## Liquid Runway Deicer

AMS 1435 Certified



### BENEFITS

- Works longer, requiring fewer applications
- Fast and effective, making runways available sooner
- Applies easily with the same equipment as other liquid deicers
- Complimentary customer training upon request

### PERFORMANCE

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

### ENVIRONMENT

- Non-persistent, 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<sup>®</sup>
- Anti-icing: 0.5 gallons/1000ft<sup>2</sup> (25g/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 1 inch ice
- Re-apply when new accumulation shows first tendency to bond
- Plow and broom often to reduce fluid dilution

### HANDLING

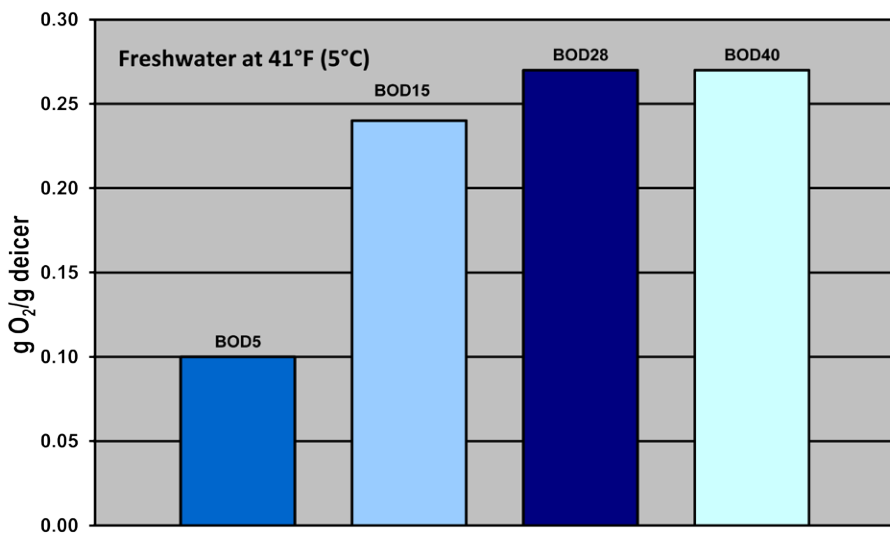
- E36 should not be stored or plumbed through systems that use galvanized, zinc, or brass components
- Polyethylene or stainless steel containers are preferred, otherwise use carbon or low alloy steel
- Best practices include storing totes and drums in areas protected from weather and exposure to direct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

See Reverse Side For Product Specifications  
Test Data Available Upon Request  
ISO 9001:2008 & 14001:2004 CERTIFIED COMPANY

# PRODUCT SPECIFICATIONS - CRYOTECH E36®

<b>COMPOSITION</b>	50% aqueous potassium acetate solution, by weight, plus corrosion inhibitors
<b>APPEARANCE</b>	Clear, blue*, mobile liquid, free from matter in suspension
<b>DENSITY</b>	At 68°F (20°C) = 10.68 lbs/gallon (1.28 g/cm³)
<b>VISCOSITY</b>	At 68°F (20°C) = 10cp maximum At 32°F (0°C) = 20cp maximum
<b>FLASH POINT</b>	Nonflammable
<b>FREEZING POINT</b>	-76°F (-60°C)
<b>MISCIBILITY WITH WATER</b>	Complete
<b>TYPICAL pH</b>	10.5 to 11.5
<b>SPECIFIC GRAVITY</b>	At 68°F (20°C) = 1.25 - 1.30
<b>PACKAGING</b>	55 gallon drums (208 liters) - 4 drum minimum 265 gallon tote (1003 liters) - 1 tote minimum Bulk - 4400 gallons minimum * MAY BE COLORLESS AT CUSTOMER REQUEST

## Biological Oxygen Demand for Cryotech E36®



Source: ACRP Project 02-01. Airport Cooperative Research Program, Transportation Research Board. (November 2008)



**TO ORDER OR FOR PRODUCT INFORMATION CONTACT:**

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