

CRYOTECH BX36[®]

Bio-Based Liquid Runway Deicer

AMS 1435 Certified



BENEFITS

- Uses corn derived, DuPont Tate & Lyle Susterra[®] propanediol, combining sustainability with superior performance
- Improves carbon brake compatibility by reducing catalytic oxidation (AIR 5567)
- Reduces corrosion of cadmium plated parts and electrical conductivity in the Airfield
- Complimentary customer training upon request

PERFORMANCE

- Excellent anti-icing characteristics (SHRP-H-332)
- Effective to -20°F (-29°C)

ENVIRONMENT

- Contains 75% bio-based content (ASTM 6866)
- Notably reduces energy use and greenhouse gas emissions over traditional propylene glycol formulations
- Readily biodegradable
- Does not contain urea
- 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 (120g/kg) of solid deicer, such as Cryotech NAAC[®]
- Anti-icing: 0.5 gallons/1000ft² (25 g/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

HANDLING

- BX36 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

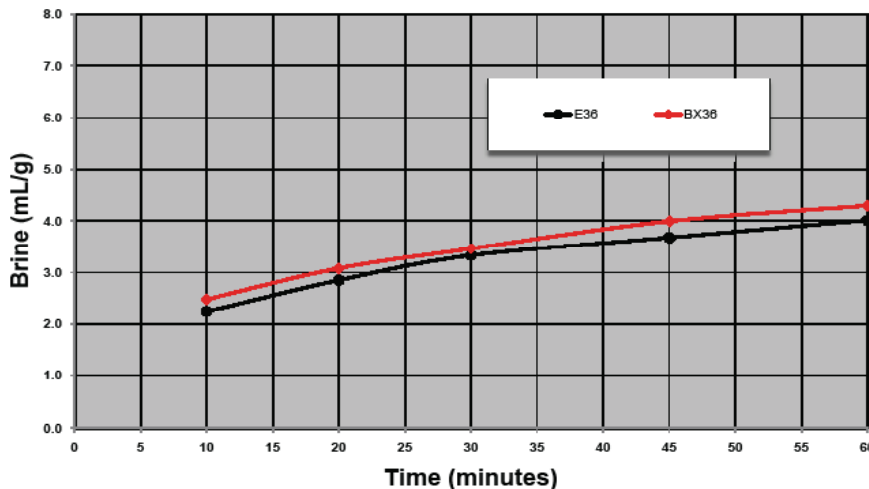
See Reverse Side For Product Specifications
Test Data Available Upon Request
ISO 9001:2008 & 14001:2004 CERTIFIED COMPANY



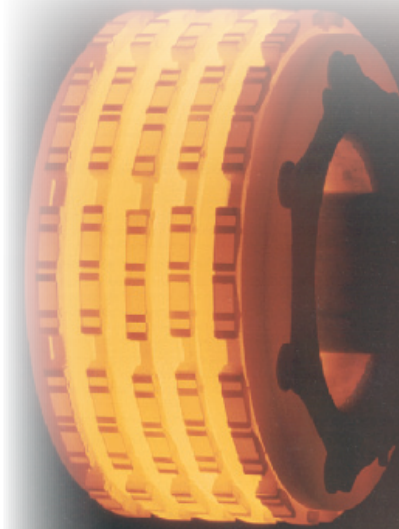
PRODUCT SPECIFICATIONS - CRYOTECH BX36®

COMPOSITION	Aqueous solution containing potassium acetate and Susterra® propanediol plus corrosion inhibitors
APPEARANCE	Clear, blue*, mobile liquid, free from matter in suspension
DENSITY	At 68°F (20°C) = 9.67 lbs/gallon (1.16 g/cm³)
VISCOSITY	At 68°F (20°C) = 10cP maximum At 32°F (0°C) = 25cP maximum
FLASH POINT	Nonflammable
FREEZING POINT	< -50°F (-45°C)
MISCIBILITY WITH WATER	Complete
pH	10.5 to 11.5
SPECIFIC GRAVITY	At 68°F (20°C) = 1.14 - 1.19
PACKAGING	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

**Ice Melting at 25°F (-4°C)
Comparison of Cryotech BX36® and Cryotech E36®**



Source: Michigan Technology University (August 2006)



TO ORDER OR FOR PRODUCT INFORMATION CONTACT:

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EMS 89384



ISO 9001
FM 39092