

CRYOTECH LC17®

Liquid Runway Deicer • AMS 1435



Why LC17?

Cryotech LC17 is a potassium acetate-based liquid runway deicer that meets FAA-approved specifications for use by commercial airports and military bases. LC17 is non-persistent, readily biodegradable, and exhibits lower conductivity than commonly used liquid deicers.

BENEFITS

- Formulated specifically for low conductivity
- Improved carbon brake compatibility by reducing catalytic oxidation (AIR 5567)
- Reduced corrosion of cadmium plated parts and electrical conductivity in the airfield
- Complimentary customer training upon request

PERFORMANCE

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

ENVIRONMENT

- Formulated to be readily biodegradable
- Does not contain urea
- Recognized as “relatively harmless” by the U.S. Fish and Wildlife scale

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/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



CRYOTECH LC17® PRODUCT SPECIFICATIONS

COMPOSITION		APPEARANCE	DENSITY	VISCOSITY
Aqueous solution, containing potassium acetate and propylene glycol plus corrosion inhibitors		Blue, mobile liquid, free from matter in suspension	9.59 lbs/gallon	At 68°F (20°C) = 8 cP maximum At 32°F (0°C) = 20 cP maximum
FLASH POINT		FREEZING POINT	MISCIBILITY WITH WATER	pH
Nonflammable		< -50°F (-45°C)	Complete	10.5 to 11.5
CONDUCTIVITY	SPECIFIC GRAVITY	PACKAGING		HANDLING
~ 43 mS at 20°C	At 68°F (20°C) = 1.13 - 1.18	55 gallon drums (208 liters) - 4 drum minimum 265 gallon tote (1003 liters) - 1 tote minimum Bulk - 4400 gallons (16,656 liters) minimum		<ul style="list-style-type: none"> LC17 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

TO ORDER OR FOR PRODUCT INFORMATION CONTACT:

Ph: +1 319.372.6012 or +1 800.346.7237 Fax: +1 319.372.2662 E-mail: deicers@cryotech.com

Cryotech Deicing Technology . 6103 Orthoway . Fort Madison, IA 52627 . www.cryotech.com

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