

CRYOTECH GLACIER AF® ANTIFREEZE



Why Glacier AF Antifreeze?

Cryotech Glacier AF Lavatory Antifreeze is a propylene glycol based freeze point depressant used as a component in aircraft lavatory fluids. Glacier AF is safe for the environment and developed with extremely low conductivity.

BENEFITS

- Effectively used as the freeze point depressant component of aircraft lavatory fluids
- Safe for workers and easy to handle - no agitation required
- Safe for the environment
- Non-hazardous; adds no special disposal concern—contact your local airport or wastewater treatment facility for site-specific considerations
- May be diluted to desired freeze point


PERFORMANCE

- Low conductivity
- Easily mixed with AMS1476 certified deodorant packages
- Tested to Airbus AIMS 09-00-002 Issue 3, Boeing D6-17487 (Rev. T), and Douglas CSD #3 standards

ENVIRONMENT

- Readily biodegradable
- Formulated for low toxicity
- Free of triazole, ethoxylated compounds, nitrites, and nitrates
- Contains no ethylene glycol or alcohols

HANDLING

- Stainless steel, epoxy, or polyethylene lined steel, mild carbon steel, or reinforced plastic containers are acceptable
 - 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
- 



CRYOTECH GLACIER AF® LAVATORY ANTIFREEZE PRODUCT SPECIFICATIONS

COMPOSITION	APPEARANCE	DENSITY	TYPICAL pH
Aqueous solution, propylene glycol plus corrosion inhibitors	Clear, mobile liquid, free from matter in suspension	8.70 lbs/gallon	7 to 10
TYPICAL CONDUCTIVITY	FREEZING POINT	FLASH POINT	MISCIBILITY WITH WATER
Less than 1 mS/cm	Less than -60°F (-51°C)	Nonflammable	Complete
BOD ₅ @20°C kgO ₂ /kg FLUID	BIODEGRADABILITY (Ratio of BOD ₅ to COD)	SPECIFIC GRAVITY (neat)	COD kgO ₂ /kg ANTIFREEZE
0.28	0.40	At 68°F (20°C) = 1.02 - 1.06	0.70
VISCOSITY (neat)	PACKAGING		VISCOSITY (diluted 50% by vol.)
At 68°F (20°C) = 25cP maximum	<ul style="list-style-type: none"> • 55 gallon drums (208 liters) - 4 drum minimum • 265 gallon tote (1003 liters) - 1 tote minimum • Bulk - 4400 gallons minimum 		At 32°F (0°C) = 20cP maximum

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

Form #MKT1850 Rev. 08/01/2020