

# CRYOTECH CF7<sup>®</sup>

## Liquid Commercial Deicer



### BENEFITS

- Non-chloride based, low corrosion
- Liquid formulation works fast, on contact
- Easy to handle, no agitation required
- Can be used for anti-icing, deicing, and prewetting solid
- Good tire tracking
- Is not slippery like common deicers
- Complimentary customer training upon request

### PERFORMANCE

- Has low freeze point of -76°F (-60°C)
- Effective to temperatures below -20°F (-29°C)
- When used as an anti-icer, CF7 prevents bonding of snow/ice to pavement
- When used as a deicer, CF7 breaks snow/ice bonds prior to mechanical removal
- Does not refreeze as fast as common deicers, the residual effect requires fewer applications

### ENVIRONMENT

- Non-persistent, readily biodegrades at low temperatures
- Low biological oxygen demand (BOD) and toxicity to fish, mammals, and vegetation
- Does not contain nitrogen or chlorides
- 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 of solid deicer, such as Cryotech NAAC<sup>®</sup> (130 g/kg)
- Anti-icing: Commercial = 0.5 gallons/1000ft<sup>2</sup> (25-50 g/m<sup>2</sup>)  
Highway = 25-60 gallons/lane mile (25-50 g/m<sup>2</sup>)
- Deicing: Commercial = 1-3 gallons/1000ft<sup>2</sup> (50-150 g/m<sup>2</sup>)  
Highway = 60-180 gallons/lane mile (50-150 g/m<sup>2</sup>)
- Re-apply when new snow/ice accumulation shows first tendency to bond
- Plow promptly to reduce fluid dilution

### HANDLING

- CF7 should not be stored or plumbed through systems that use galvanized, zinc, or brass components (may be used on or around galvanized bridge and parking deck components, signage and guardrails)
- 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

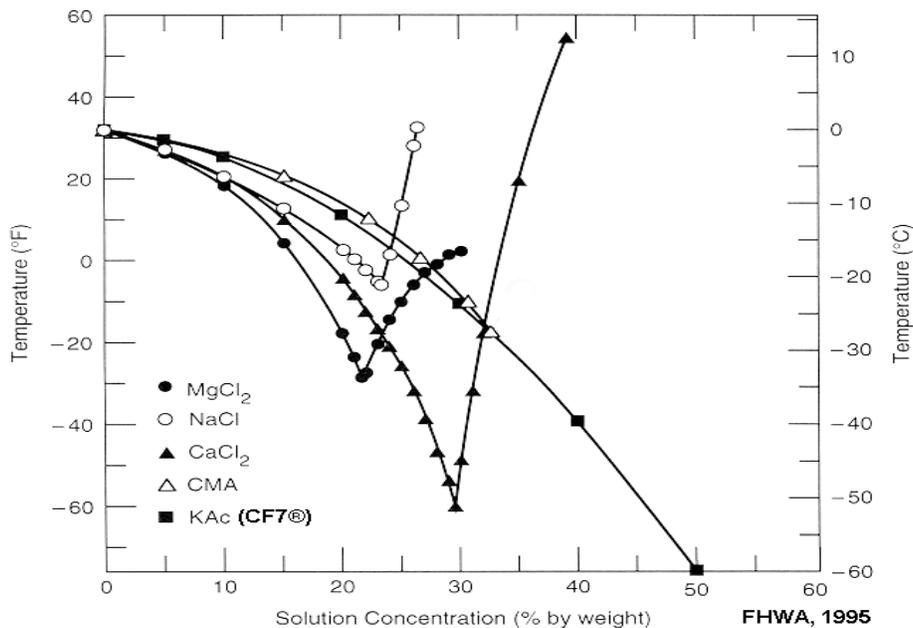
Test Data Available Upon Request

ISO 9001:2008 & 14001:2004 CERTIFIED COMPANY

# PRODUCT SPECIFICATIONS - CRYOTECH CF7®

<b>COMPOSITION</b>	50% aqueous potassium acetate solution, by weight, plus corrosion inhibitors
<b>APPEARANCE</b>	Clear, colorless*, mobile liquid, free from matter in suspension
<b>DENSITY</b>	At 68°F (20°C) = 10.68 lbs/gallon (1.28 g/cm <sup>3</sup> )
<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 DYED BLUE AT CUSTOMER REQUEST

## Refreeze Temperatures



### TO ORDER OR FOR PRODUCT INFORMATION CONTACT:

Ph: +1 508.520.3900 Fax: +1 508.520.7861

E-mail: [sales@meltsnow.com](mailto:sales@meltsnow.com)

Chemical Solutions, Inc. . P.O. Box 675 . Franklin, MA . 02038-0675  
[WWW.MELTSNOW.COM](http://WWW.MELTSNOW.COM)



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