

CRYOTECH NAAC®

Solid Runway Deicer

AMS 1431 Certified



BENEFITS

- Works longer, requiring fewer applications
- Applies easily with the same equipment as other solid deicers
- Tracks less due to pure materials in manufacturing
- Contains 97% active ingredients for high performance
- Manufactured as a spherical pellet to be less dusty than granular deicers
- Complimentary customer training upon request

PERFORMANCE

- Excellent melting properties
- Exothermic, giving off heat as it dissolves
- Works faster than urea, sodium chloride, and trihydrate sodium acetate
- Requires less material than common deicers to achieve similar effectiveness
- Active to low temperatures: 0°F (-18°C)

ENVIRONMENT

- Lower BOD than urea
- Biodegrades quickly at low temperatures
- Low toxicity to fish and mammals
- Less persistent in the environment than sodium formate and urea

APPLICATION

- Deicing - apply in uniform patterns:
 - Near 32°F (0°C) on thin ice = 5-7 lbs/1000 ft² (25-35 g/m²)
 - Less than 10°F (-12°C) on 1" (2.5cm) ice = 10-25 lbs/1000 ft² (50-75 g/m²)
- Re-apply when new accumulation shows first tendency to bond
- Plow once bond is broken
- Prewetting - airports may apply Cryotech E36® to NAAC at spreader outlet at a rate of 10% by weight

HANDLING

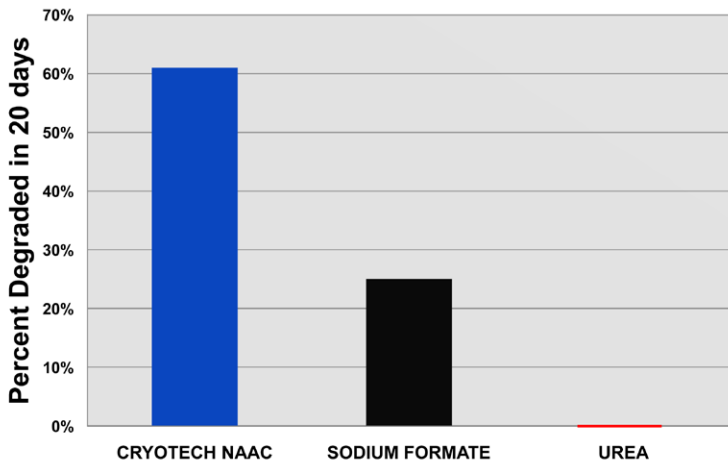
- Store in original container
- Avoid excess moisture which may cause caking
- Excessive handling may cause dustiness

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

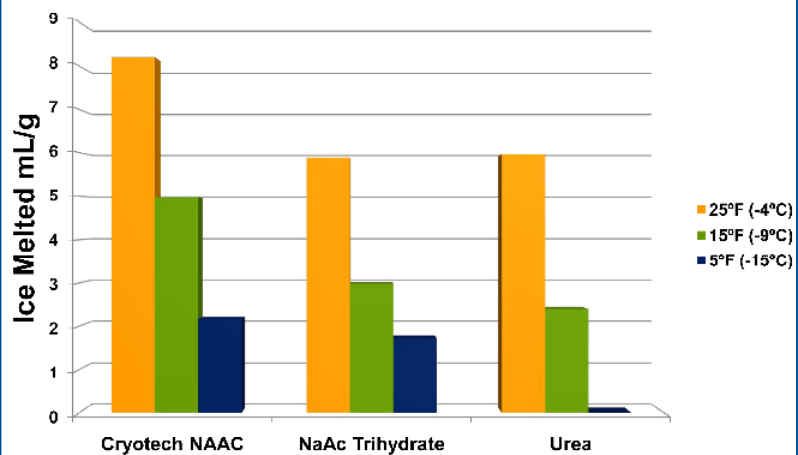
PRODUCT SPECIFICATIONS - CRYOTECH NAAC[®]

COMPOSITION	Sodium Acetate (NaAc) 97% minimum by weight, anhydrous sodium acetate with less than 1% corrosion inhibitors	
APPEARANCE	White to gray spherical pellet	
BULK DENSITY	50 lbs/ft ³ to 54 lbs/ft ³ (0.8 g/cm ³ to 0.86 g/cm ³)	
PARTICLE SIZE	<u>Sieve</u> 4 14	<u>Particle Passing</u> 90 10
TYPICAL pH	8 to 10.5 in a 15% solution	
PACKAGING	55 lbs (25 kg) poly bags - 40 bag minimum 2205 lbs (1000 kg) Super Sacks - 1 super sack minimum Bulk - 20 metric ton minimum	

**Biodegradation at 2°C (35.6°F)
Northwest Aquatics, 2003**



**Ice Melting Test
SHRP H-205.1
Michigan Technological University, 1998**



TO ORDER OR FOR PRODUCT INFORMATION CONTACT:

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ISO 14001
EMS 89384



ISO 9001
FM 39092