



REPLACE THE DEICER, NOT THE STRUCTURE



SPEC: CRYOTECH CMA[®]

SOLID COMMERCIAL DEICER

BENEFITS

- Low corrosion: less corrosive than tap water
- Safe for concrete: the safest deicer for concrete, even new concrete cured at least 28 days
- Excellent inhibitor: reduces chloride corrosion
- Safe for the environment: readily biodegradable, low toxicity
- Residual effect: requires fewer applications than other common deicers
- Multi-purpose: use straight, with salt, with sand, or as a liquid

PERFORMANCE

- Works best above 20°F (-7°C)
- Has long lasting effect - better than salt or urea
- Breaks/inhibits bond between snow/ice and pavement
- Creates a dry, powdery snow which improves traction

APPLICATION

- Apply early in the storm to prevent snow/ice bonding
- First application:
 - Commercial = 15-20 lbs/1000ft² (75-100 g/m²)
 - Highway = 300-400 lbs/lane mile (20-40 g/m²)
- Wait at least 20 minutes to remove snow/ice
- Re-apply when new snow/ice accumulation shows first tendency to bond

ENVIRONMENT

- Biodegrades to carbon dioxide and water
- Calcium and magnesium increase soil permeability
- Essentially non-toxic to aquatic species
- Poor mobility in soil - unlikely to reach groundwater
- Safe for vegetation
- Does not contain nitrogen or chlorides

HANDLING

- May be stored indefinitely if kept dry
- Take care to avoid caking caused by excess moisture
- Excessive handling may cause dustiness

SEE REVERSE SIDE FOR PRODUCT SPECIFICATIONS
COMPLETE TECHNICAL BROCHURE AVAILABLE UPON REQUEST



ISO 9001
FM 39092



ISO 14001
EMS 89384

AN ISO 9001:2008 & 14001:2004 CERTIFIED COMPANY

PRODUCT

SPECIFICATIONS - CRYOTECH CMA[®]

COMPOSITION	Calcium Magnesium Acetate (CMA) 3:7 Ca to Mg molar ratio	
	Hydrated CMA + other acetates	96% minimum
	Inert Material	4% maximum

PARTICLE SIZE	<u>Sieve</u>	<u>% Passing</u>
	4	90
	14	10

SHAPE Hard spherical pellet

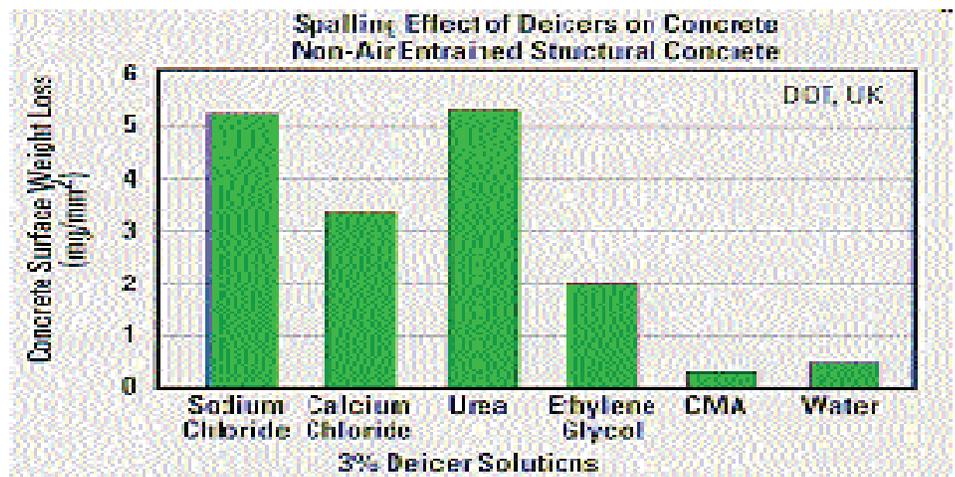
BULK DENSITY 40 lbs/ft³ to 44 lbs/ft³
(0.65 g/cm³ to 0.79 g/cm³)

TYPICAL pH 8 to 10 in a 10% solution

RESIDUAL BASE Maximum 0.4 meg base/gm

PACKAGING 25 kg (55 lbs) poly bags - (40 bags minimum)
1000 kg (2205 lbs) Super Sacks - (1 SS minimum)
Bulk - (20 metric ton minimum)

Spalling Effect of Deicers on Concrete



Revised - 06/09

TO ORDER OR FOR PRODUCT INFORMATION CONTACT:
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