

# CRYOTECH CMA40®

*Solid Commercial Deicer*



## Why CMA40?

Cryotech CMA40 is a blend of calcium magnesium acetate (Cryotech CMA) and sodium chloride (salt). The product contains not less than 40% Cryotech CMA. Independent studies have shown that when Cryotech CMA is mixed with salt, Cryotech CMA can be an effective corrosion inhibitor. Ideal for situations where protection from concrete spalling is needed, but limited quantities of salt can be tolerated, CMA40 lasts longer than straight chlorides.

## BENEFITS

- Significantly less corrosive than salt to exposed steel or steel reinforcement
- Minimizes spalling, less concrete damage
- Retains many CMA benefits, safer for high quality concrete
- Requires fewer applications than other common deicers
- Complimentary customer training upon request

## PERFORMANCE

- Like sodium chloride, works best above 20°F (-7°C)
- Long lasting effect, better than chloride salts
- Effectively breaks and inhibits the bond between snow/ice and pavement

## ENVIRONMENT

- CMA components are readily biodegradable
- Calcium and magnesium are soil amendments
- Each 25kg bag of CMA40 can save approximately 130 lbs of chloride load in stormwater runoff

## APPLICATION

- Apply early in the storm to prevent snow/ice bonding
- Application rates vary greatly with pavement temperatures, forecast, traffic, and level-of-service expectations.
- These application rates are approximate; adjust with experience
  - Pavement temp >28°F, 2-3 lb/1000 sq. ft
  - Pavement temp 23-28°F, 3-5 lb/1000 sq. ft
  - Pavement temp 20-23°F, 3-7 lb/1000 sq. ft

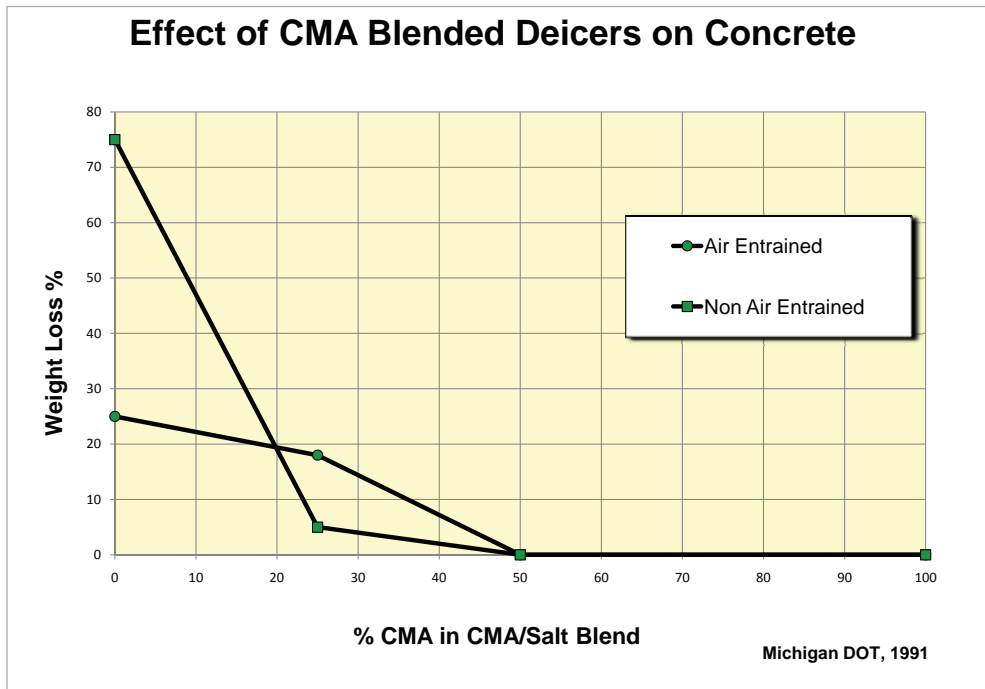


# CRYOTECH CMA40®



## PRODUCT SPECIFICATIONS

COMPOSITION	APPEARANCE	BULK DENSITY
40% Calcium Magnesium Acetate (CMA) minimum 60% sodium chloride (NaCl)	CMA, white to off-white spherical pellet NaCl, white crystalline solids	57 lbs/ft <sup>3</sup> to 61 lbs/ft <sup>3</sup> (0.9 g/cm <sup>3</sup> to 1.0 g/cm <sup>3</sup> )
TYPICAL pH	PACKAGING	HANDLING
8 to 10 in a 10% solution	<ul style="list-style-type: none"> <li>• 55 lbs (25 kg) poly bags - 40 bag minimum</li> <li>• 2205 lbs (1000 kg) Super Sacks - 1 super sack minimum</li> <li>• Bulk - 20 metric ton minimum</li> </ul>	<ul style="list-style-type: none"> <li>• Store in original container</li> <li>• Avoid excess moisture which may cause caking</li> <li>• Preserve pellet integrity by not overhandling</li> <li>• Apply with the same equipment as salt</li> </ul>



### 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](mailto:deicers@cryotech.com)  
 Cryotech Deicing Technology 6103 Orthoway Fort Madison, IA 52627 [www.cryotech.com](http://www.cryotech.com)