

CMA100

CALCIUM MAGNESIUM ACETATE

FEATURES:

- **LOW CORROSION** About as corrosive as tap water
- **SAFE FOR CONCRETE** No more damage than from water
- **EXCELLENT INHIBITOR** Reduces chloride corrosion
- **ENVIRONMENTALLY SAFE** Low toxicity and biodegradable
- **RESIDUAL EFFECT** Requires fewer applications

GENERAL DESCRIPTION:

CMA100 is granulated calcium magnesium acetate. **CMA100** is a safe ice melter alternative to chlorides and urea. **CMA100** is designed for applications where corrosion and environmental issues are of concern.

WORKS DIFFERENTLY:

When mixed with snow, **CMA100** interferes with the ability of snow particles to adhere to each other or to the surface. It does not create a flowing brine like salt, but keeps the snow lighter and drier, improving traction. Applied early in the storm, **CMA100** prevents the formation of snow pack and the bonding of ice to the pavement surface, so plow, broom or shovel can remove snow and ice more easily.

APPLICATION RATES:

CMA100 application rates vary according to climate and maintenance practices. **CMA100** is applied at rates similar to road salt, but heavier in the first application and lighter as the storm continues. Rates range from 5 to 15 pounds per 1000 square feet.

CUSTOMER PROFILE:

Typical **CMA100** customers are concerned with concrete spalling, corrosion or environmental issues. They include transportation agencies, military installations, universities, property management firms and commercial facilities. They require the performance of a solid ice melter without the risk of negative environmental impact or infrastructure damage generally associated with chlorides and urea. For these reasons, **CMA100**'s calcium magnesium acetate formulation is often specified by design engineers for use on bridge decks, parking garages and ramps.

TECHNICAL INFORMATION:		
Principal Application	Corrosion or environmentally sensitive areas	
Composition	Calcium Magnesium Acetate (CMA)	
	(3:7 Ca to Mg Molar ratio)	
Particle Size	Sieve	%Passing
	4	90
	14	10
Shape	Angular, asymmetrical granules	
Specific Gravity	1.2	
Bulk Density	40 lb/ft ³ to 44 lb/ft ³ (0.65 g/cm ³ to 0.79 g/cm ³)	
pH	8 to 10 in a 10% solution	