

Product Data Sheet



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FREEZGARD® CI PLUS

PRODUCTION LOCATION

Ogden, Utah

PRODUCT DESCRIPTION

Produced naturally from the Great Salt Lake, FreezGard® CI Plus is specially formulated for deicing and anti-icing. It remains active (liquid) at cold temperatures while minimizing precipitates down to zero degrees Fahrenheit. FreezGard Zero is a tan to light amber liquid with a density of approximately 185 gallons per ton. A corrosion inhibitor has been added to reduce the corrosion rate.

CORROSION INHIBITOR

The CI Plus Corrosion inhibitor is a proprietary formulation that is optimized to significantly reduce metal corrosion in winter conditions.

PHYSICAL PROPERTIES

Specific Gravity 1.29 +/- 0.03
pH (5% Solution) 7 - 9
Weight 10.5 - 11.2 lbs./gallon

Typical Analysis		Typical		Range
Magnesium Chloride	MgCl ₂	(%)	30	29 - 31
Sulfate	SO ₄	(%)	0.8	0.2 - 1.0
Potassium	K	(%)	0.3	0.1 - 0.5
Calcium	Ca	(%)	0.2	0.1 - 0.3
Water	H ₂ O	(%)	67	65 - 69
CI Plus Inhibitor		(%)	2.0	1.8 - 2.2

METHOD OF ANALYSIS

All testing is from North American Salt's internal quality control procedures, which are available upon request.

APPLICATION AND STORAGE

This liquid MgCl₂ product in storage should be agitated regularly to minimize precipitation of undesirable solids/crystals. Application equipment should be washed daily with water. Storage equipment should be rinsed with water to prevent buildup of solids. Aluminum storage tanks or hauling equipment should not be grounded. Overapplication of MgCl₂ may result in unusually slippery road surfaces and should be avoided.