

## Product Data Sheet

### Product Description

- Produced naturally from the Great Salt Lake, FreezGard® Zero is specially formulated for deicing and anti-icing applications
- It remains active (liquid) at cold temperatures while minimizing precipitates down to 0°F
- FreezGard® Zero is a tan to light amber liquid with a density of approximately 185 gallons per ton

### Production Location

- Ogden, Utah - USA

### Method of Analysis

- All analyses were performed by Compass Minerals Quality Control personnel
- Copies of test reports are available upon request

Packaging		
Description	Old Product Code	New Product Code
Bulk	21900	613835

### Physical Properties

- Specific Gravity: 1.29 +/- 0.02
- pH (5% solution): 7 - 9
- Weight: 10.6 - 10.9 lb/gallon

*Typical and Range are based on the previous year's data:*

Chemical Analysis				
Constituent		Units	Typical	Range
Magnesium Chloride	MgCl <sub>2</sub>	%	30.9	26.7 - 34.1
Sulfate	SO <sub>4</sub> <sup>2-</sup>	%	1.1	0.9 - 2.9
Water (calculated)	H <sub>2</sub> O	%	68	64 - 74

### Application and Storage

- This liquid MgCl<sub>2</sub> product in storage should be agitated regularly to minimize precipitation of undesirable solids/crystals
- Application and storage equipment should be washed daily with water to prevent buildup of solids
- Aluminum storage tanks or hauling equipment should not be grounded
- Over-application of MgCl<sub>2</sub> may result in unusually slippery road surfaces and should be avoided