

# Product Data Sheet



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## **FREEZGARD ZERO®**

### **PRODUCTION LOCATION**

Ogden, Utah

### **PRODUCT DESCRIPTION**

Produced naturally from the Great Salt Lake, FreezGard Zero® 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.

### **PHYSICAL PROPERTIES**

Specific Gravity                    1.29 +/- 0.02  
pH (5% Solution)                7 - 9  
Weight                                10.6 - 10.9 lbs./gallon

Typical Analysis			Typical	Range
Magnesium Chloride	MgCl <sub>2</sub>	(%)	30.2	28 - 32
Potassium	K	(%)	0.80	0.2 - 1.0
Calcium	Ca	(%)	0.20	0.1 - 0.3
Sulfate	SO <sub>4</sub>	(%)	0.76	0.3 - 1.2
Water	H <sub>2</sub> O	(%)	69	67 - 72

### **METHOD OF ANALYSIS**

All testing is from Compass Minerals' internal quality control procedures, which are available upon request.

### **APPLICATION AND STORAGE**

This liquid MgCl<sub>2</sub> 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. Over application of MgCl<sub>2</sub> may result in unusually slippery road surfaces and should be avoided.