

Product Data Sheet

Product Description

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

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 | 21903 | 613843 |

Physical Properties

- Specific Gravity: 1.30 +/- 0.03
- pH (5% solution): 7 - 9
- Weight: 10.5 - 11.2 lb/gallon

Corrosion Inhibitor

- The CI Plus Corrosion inhibitor is a proprietary formulation that is optimized to significantly reduce metal corrosion

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

| Chemical Analysis | | | | |
|--------------------|-------------------------------|-------|---------|-----------|
| Constituent | | Units | Typical | Range |
| Magnesium Chloride | MgCl ₂ | % | 30.3 | 29 - 33 |
| Sulfate | SO ₄ ²⁻ | % | 0.9 | 0.9 - 2.9 |
| CI Plus Inhibitor | | % | 2.0 | 1.8 - 2.2 |
| Water (calculated) | H ₂ O | % | 66.8 | 65 - 70 |

Application and Storage

- This liquid MgCl₂ 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 MgCl₂ may result in unusually slippery road surfaces and should be avoided