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PRODUCT INFO SHEET

Morton® Bulk Blizzard Wizard® Enhanced Deicing Salt

Description

Morton® Bulk Blizzard Wizard® Enhanced Deicing Salt is a mixture of rock salt and a proprietary treatment containing a magnesium chloride solution and organic components. Bulk Blizzard Wizard® is treated with a mixture of sodium ferrocyanide, or Yellow Prussiate of Soda (YPS), to impart immediate protection against caking and freezing. Morton® Bulk Blizzard Wizard® is also treated with a liquid enhancer, manufactured from a Molasses, High Fructose Corn Syrup or other Carbohydrate base. This serves to further lower the freezing point of water and keep the product free-flowing in cold temperatures.

Application

Morton® Bulk Blizzard Wizard® may be applied at reduced application rates compared with standard highway deicing salt depending on the weather conditions and the assessment of the operators that are applying the product.

Chemical Properties

	Range
¹ Sodium Chloride (%)	≥97
Water Insolubles (%)	≤3.0
Anticaking (as YPS)(mg/kg)	≤200 ppm
Deicing Liquid (MgCl ₂ & Molasses)	2.0-3.5%

¹ASTM method, moisture-free basis.

Physical Properties

Appearance

Morton® Bulk Blizzard Wizard® is a free flowing product that is amber in color with some dark brown particles.

Sieve Analysis

The actual particle size may vary from Type 1 Grade 1 specifications with handling at production stockpiles and with further handling of bulk salt shipped through distribution centers and stockpiles.

U.S.S. Mesh	Opening Millimeters ¹	Range ³
		Percent Passing ²
1/2-in	12.5	100
3/8-in	9.5	95 - 100
4	4.75	30 - 90
8	2.36	10 - 60
30	0.6	0 - 15

¹10 millimeters (mm) per centimeter; 25.4 millimeters per inch.

²Percent (%) Passing, cumulative.

³The salt used for Morton® Bulk Blizzard Wizard® meets ASTM and AASHTO standards for Type 1, Grade 1 particle size distribution. Sieving results, however, are affected by the application of the liquid.

Material Source

Salar Grande de Tarapacá, Chile (F140110000Z)

Storage

Morton® Bulk Blizzard Wizard® should be stored indoors or under a tarp.

Availability

Morton® Bulk Blizzard Wizard® is available at various locations across North America. For more information please contact your Morton® representative.

This data is based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determines the suitability of our material and suggestions before adopting them on a commercial scale.

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**Bulk Deicing
SC: 488-2**

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