



Technical Information

Diamond Crystal[®] Winter Melt[®] Ice Melter

DESCRIPTION:

Diamond Crystal[®] Winter Melt[®] Ice Melter is a coarse screened, translucent to white crystalline solid obtained from underground bedded salt deposits in New York by physical mining. The salt is exploited by drilling and blasting with explosives in a manner similar to that used in other types of mineral mining. The mined salt is then crushed, screened and hoisted to the surface where it is packaged for distribution.

COMPLIANCE:

Diamond Crystal[®] Winter Melt[®] Ice Melter is not approved for human or animal consumption. It is intended for use only as a deicer on paved road surfaces, driveways and walkways.

ADDITIVES:

Diamond Crystal[®] Winter Melt[®] Ice Melter contains no anti-caking or free-flowing additives or conditioners.

APPLICATIONS:

Diamond Crystal[®] Winter Melt[®] Ice Melter is intended for use as an ice and snow removal agent on highways and other roadways.

PACKAGING AND SHIPPING:

Diamond Crystal[®] Winter Melt[®] Ice Melter is packaged in 25lb., 50lb. and 80lb. polyethylene bags and 10lb. plastic bags packed 4 per bale. To improve caking resistance, the product should be stored in a dry, covered area at humidity below 75%.

METHODS OF ANALYSIS:

Methods of analysis are taken from the ASTM designation E 534-98.

CHEMICAL ANALYSIS:

| Component | Units | Typical | Specification |
|--|-------|---------|---------------|
| Sodium Chloride (dry basis) ¹ | % | 98.0 | 95.0 min. |
| Calcium & Magnesium (as Ca) | % | 0.38 | - |
| Sulfate (as SO ₄) | % | 0.75 | - |
| Water Insolubles | % | 0.74 | 2.0 max. |
| Surface Moisture ² | % | 0.4 | 1.0 max. |

¹By difference of impurities.

²110°C for 2 hours.

SIEVE ANALYSIS:

| U.S.S. Mesh | Opening Inches | Opening Microns | Typical | Specification |
|-------------|----------------|-----------------|---------|---------------|
| 3/8" | 0.375 | 9525 | 2 | 10 max. |
| 4 | 0.187 | 4760 | 22 | - |
| 8 | 0.0937 | 2380 | 35 | - |
| 30 | 0.0232 | 590 | 37 | - |
| Pan | - | - | 5 | 10 max. |

Note: Sieve analysis is reported as percent retained.

BULK DENSITY:

| Parameter | Typical | Specification |
|-----------------------|---------|---------------|
| Pounds per Cubic Foot | 78 | 74 - 82 |
| Grams per Liter | 1250 | 1185 - 1310 |

Note: Bulk density is reported as loose (uncompacted).

PRODUCING LOCATION: LANSING, NY

No. 4602 Revised April 2008

Product Codes

25 lb. 7704

50 lb. 7709

80 lb. 7715

4/10 lb. 7997

CARGILL SALT

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NOTICE: All of the above statements, recommendations, suggestions and data are based on our laboratory results, and we believe same to be reliable. Nevertheless, with the exception of data showing an express guaranty (such as in the case of products specifically designed for use as nutrient supplements), all such statements, recommendations, suggestions and data hereinabove presented are made without guaranty, warranty or responsibility of any kind on our part.