



Technical Information
Diamond Crystal[®]
Jiffy Melt[®] Ice Melter

DESCRIPTION:

Diamond Crystal[®] Jiffy Melt[®] Ice Melter is a two-component blend of white or clear crystalline magnesium chloride and sodium chloride from naturally occurring deposits. This composition melts faster than rock salt, potassium chloride, urea and blends of these ingredients.

ADDITIVES:

Diamond Crystal[®] Jiffy Melt[®] Ice Melter does not contain Yellow Prussiate of Soda (YPS) or other anticaking or free-flowing agents.

APPLICATION:

Diamond Crystal[®] Jiffy Melt[®] Ice Melter can be applied at a rate of 1/2 - 1 1/2 cup per square yard. Quantity and melting action will depend upon the temperature and thickness of the ice or snow pack. For good sidewalk maintenance, when the ice/snow pack softens, remove it from the pavement.

PACKAGING AND STORAGE:

Diamond Crystal[®] Jiffy Melt[®] Ice Melter is packaged in 20lb. and 40lb. polyethylene bags. To improve caking resistance, the product should be resealed and stored in a dry, covered area at humidity below 75%.

METHODS OF ANALYSIS:

Methods of analysis are taken from the ASTM designations E 534-98 and G 31, from SHRP H205 and from Cargill.

CHEMICAL ANALYSIS:

Component	Unit	Typical	Specification
Magnesium Chloride Hexahydrate	%	10	5 - 15
Sodium Chloride	%	90	85 - 95

SIEVE ANALYSIS:

U.S.S. Mesh	Opening Inches	Opening Microns	Typical	Specification
4	0.187	4760	Tr	10 max.
8	0.0937	2380	58	-
10	0.0232	2000	20	-
16	0.0469	1190	18	-
Pan	-	-	4	10 max.

Note: Sieve analysis is reported as percent retained.

PRODUCT BENEFITS:

Leaves no oily residue.
Greater ice melting capacity than potassium chloride-based deicers.

**PRODUCING LOCATIONS: BALTIMORE, MD;
CHICAGO, IL; PITTSBURGH, PA**

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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.