

## Product Data Sheet

### Product Description

- The fastest acting premium ice melter on the market, Safe Step® 8300 works in extremely cold temperatures. The unique crystal shape provides rapid ice penetration and keeps product from scattering to where you don't need it. Safe Step® 8300 is 100 percent magnesium chloride hexahydrate, which means it is gentle on vegetation and concrete when used as directed.
- Awarded the U.S. EPA's Safer Choice Standard, an EPA designation awarded to products specifically "Safer for People, Pets, and Property when used as directed."
- Melts ice and snow down to -15°F/-26°C.



### Physical Properties

Bulk Density - 50 lbs/ft<sup>3</sup>

Average particle size - 0.141"

### Method of Analysis

Testing is from Compass Minerals' internal quality control procedures.

*Typical and specifications are based on the previous year's historical data:*

Chemical Analysis				
Constituent			Typical	Specification
Magnesium Chloride Hexahydrate	MgCl <sub>2</sub> ·6H <sub>2</sub> O	(%)	100.00	85 Min

Typical Screen Data				
U.S.S. Mesh	Tyler Mesh	Open (Inches)	Typical Retained %	Specification
4	4	0.187	6.02	20 Max
6	6	0.132	52.20	85 Max
8	8	0.093	32.00	
12	10	0.066	9.30	100 Max
16	14	0.064	0.30	
Pan	Pan			100 Max

Packaging					Palletization				
UPC Code	Product Code	New Product Code	Bag Size (Lbs.)	Volume (Ft <sup>3</sup> )	Dimensions (W" x L" x H")	Units per Pallet	Dimension (W" x L" x H")	Weight (Lbs.)	Pallet Pattern
073841 - 538087	53808	809379	8 lb Jug (4/Case)	0.24	11.25 x 7.5 x 5	50	48 x 40 x 60	1800	5 x 10
073841 - 538209	53820	809395	20	0.33	20.25 x 9.5 x 3	99	48 x 40 x 60	2040	9 x 11
073841 - 538513	53851	657547	50	1.15	27.5 x 16.5 x 6	50	48 x 40 x 60	2560	5 x 10

**Compass Minerals**  
9900 West 109th Street – Suite 100  
Overland Park, Kansas 66210  
Ph: 800-755-7258 Fax: 800-359-7258

*This information is based on our present state of knowledge and is intended to provide general notes on the product(s) supplied by us and their uses. The information should not be construed as a specific property promise or guarantee of the product(s).*