

# Product Data Sheet

## Magnesium Fluorosilicate

*Magnesium Silicofluoride*  
*Magnesium Hexafluorosilicate*

Formula: MgSiF<sub>6</sub> • 6H<sub>2</sub>O  
CAS Number: 18972-56-0

### Chemical Analysis

### Specification

Assay (MgSiF <sub>6</sub> • 6H <sub>2</sub> O)	98.0	%	min.
Free Acid (as H <sub>2</sub> SiF <sub>6</sub> )	1.0	%	max
Sulfates (as SO <sub>4</sub> )	0.5	%	max.
Water Insoluble Matter	0.5	%	max.
Moisture (Water)	0.5	%	max

### Physical Properties

Description	Crystalline, white free flowing granules
Molecular Weight	274.48
Solubility at 20°C	59-65 grams/ 100 grams of water

### Packaging

Bags, plastic	25 Kg (55 Pounds) net weight
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*Other packaging options are available upon request*

### Freight Description

Shipping Name UN/DOT:	Magnesium Fluorosilicate
Hazard Classification UN/DOT	6.1 (Toxic)
UN/DOT Number:	UN2853
Packing Group:	III
Labels:	Toxic

The information presented herein is based on data considered to be accurate and that reflects the requirements of the OSHA Hazard Communication Standards in effect as of the date of preparation of this Product Specification Sheet. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.