



**BRUCITIC MARBLE DRY POWDER  
PRODUCT SPECIFICATION SHEET**

**SUMMARY:** Product is a pulverized dry powder of brucitic marble consisting primarily of magnesium hydroxide and calcium carbonate. It is a natural product produced by IBC's parent company Texas Architectural Aggregate, Inc from mineral reserves located in Marble Canyon, Texas.

**APPLICATIONS:** Product is used to improve pH stability and precipitate metals in acid mine drainage for industrial and mining applications.

Product Name: Magnesium Hydroxide  
 Common Name: Brucitic Marble  
 CAS#: 1309-42-8  
 Chemical Formula: CaCO<sub>3</sub> + Mg(OH)<sub>2</sub>

<b>CHEMICAL ANALYSIS</b>	<b>Typical</b>	<b>Minimum</b>	<b>Maximum</b>
Mg(OH) <sub>2</sub>	35.7%		
CaCO <sub>3</sub>	63.4%		
SiO <sub>2</sub>	.17%		
Al <sub>2</sub> O <sub>3</sub>	.11%		
Fe <sub>2</sub> O <sub>3</sub>	.14%		
LOI (1000°C)	36.5%		
Heavy Metals	>.002%		
<b>PHYSICAL PROPERTIES</b>	<b>Typical</b>	<b>Minimum</b>	<b>Maximum</b>
Moisture	.30%		
Loose Bulk Density	44.83 lb/ft <sup>3</sup>		
Tapped Bulk Density	77.30 lb/ft <sup>3</sup>		

**SHIPPING AND PACKAGING:** Product can be shipped in supersacks or totes. Product should be kept in dry conditions.