Summary Technical Data Sheet

Barium Carbonate Powder

Product Name: Barium Carbonate Powder
CAS Number: 513-77-9

Formula: $BaCO_3$

Molecular weight: 197.34 g/mol

Appearance: white powder

Product Specifications

Properties	Specifications
Purity	≥ 99.00 %
Moisture	≤ 0.3 %
Total Sulfur	≤ 0.07 %
Hydrochloric acid insoluble mass	≤ 0.3 %
Iron (Fe)	≤ 0.008 %

Barium Carbonate Powder is a white dense powder with applications in the brick and tile industry, ceramics, paints, enamels and glazes.

Barium Carbonate is widely used as a component of glazes in ceramics. It functions as a crystallizing, flux, and matting agent and combines with different oxide pigments to produce unique colours that are otherwise difficult to achieve.

In the tile, brick and pottery applications, Barium Carbonate is added to clays to form soluble salts (magnesium sulfate and calcium sulfate) that produce efflorescence.

Barium Carbonate has also been used as a pesticide and rat poison.

Storage and Handling: Keep containers tightly closed in a cool, dark, ventilated place.

Packaging: 55 lb **/** 25 kg

Transport Regulations: UN1564. Class 6.1. Packing Group: III.

The above information, while not guaranteed, reflects our analysis and believed to be accurate. It is the end user's responsibility, prior to use of the above mentioned product to determine the suitability of the product. Aqua Bond shall not be, directly or indirectly responsible for damages of any nature whatsoever resulting from the use or reliance upon the above information.
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