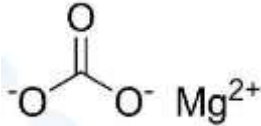


MAGNESIUM CARBONATE



General Information

Chemical Formula	MgCO ₃	
Synonym	N-hydrate; Magnesium carbonate (1:1) hydrate	
Origin	China	
H.S. Code	2836.99.10.00	
CAS No.	23389-33-5 or 546-93-0	
Molecular Weight	84.31 g mol ⁻¹	

Application

Detergent Industry	Used in bath products, makeup products, personal cleanliness products, shaving products, oral care products and skin and hair care products.
Construction Industry	The primary use of magnesium carbonate is the production of magnesium oxide by calcining. Magnesite and dolomite minerals are used to produce refractory bricks. MgCO ₃ is also used in flooring, fireproofing, fire extinguishing compositions, and dusting powder.
Other Applications	Used as a drying agent for hands in rock climbing, gymnastics, and weight lifting. Magnesium carbonate is also used in taxidermy for whitening skulls. It can be mixed with hydrogen peroxide to create a paste, which is then spread on the skull to give it a white finish. It can also be used as filler material, smoke suppressant in plastics and reinforcing agent in neoprene rubber.

Specification

Property	Units	Value
Appearance	-	White powder
Purity	%	40
Bulk density	g/mL	0.15
Chlorides	%	0.15
Calcium oxides	%	0.70
Sulfates	%	0.15
Iron	%	0.05

Packaging

- 1000 @ 20 kg kraft paper bag with inner plastic bag in 20MT / 20'FCL