

MAGNESIUM CARBONATE	Technical Datasheet
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Chemical Name	MAGNESIUM CARBONATE	
Grade Name	MAGNESIUM CARBONATE	
CAS No.	546-93-0	
HS Code	28369920	
EINECS No.	208-915-9	
Molecular Formula	MgCO ₃	
Synonyms	• Magnesite	
TEST	SPECIFICATION	METHOD
Appearance	Colourless crystals or white solid	Visual
Melting Range (Degrees C)	350 °C	Melting Point Apparatus (Open Capillary Tube Method)
Density (gm/ cm3)	2.9-3.0	Pycnometer
Water Solubility %	0.0139 g/100 ml	Visual

Product Information:

- The primary use of magnesium carbonate is the production of magnesium oxide by calcining.
- MgCO₃ is also used in flooring, fireproofing, fire extinguishing compositions, cosmetics, dusting powder, and toothpaste.
- Other applications are as filler material, smoke suppressant in plastics, a reinforcing agent in neoprene rubber, a drying agent, and colour retention in foods.
- As a food additive, magnesium carbonate is known as E504.
- Magnesium carbonate is used in taxidermy for whitening skulls. It can be mixed with hydrogen peroxide to create a paste, which is spread on the skull to give it a white finish.

Product Handling & safety:
Please refer to our product MSDS for specific instructions on handling this product.

Product Registration: Magnesium carbonate is registered in food contact applications by US FDA.

Title: 21 - FOOD AND DRUGS
 Chapter: I - FOOD AND DRUG ADMINISTRATION DEPARTMENT OF HEALTH AND HUMAN SERVICES
 Subchapter: B - FOOD FOR HUMAN CONSUMPTION (CONTINUED)
 Part: 184 - DIRECT FOOD SUBSTANCES AFFIRMED AS GENERALLY RECOGNIZED AS SAFE
 Subpart: B - Listing of Specific Substances Affirmed as GRAS
 Section: 184.1425 - Magnesium carbonate.

Product Disclaimer

Important : This statement supersedes any Buyers documents. Seller makes no representation, Warranty, Express or Implied, Including of Merchantability of Fitness for a particular use, or purpose.

No statement herein is to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence breach of warranty, strict liability, and tort or contact rising in connection with product(s). Buyers sole remedy and Sellers sole Liability for any claims shall be buyers purchase price. Data and results are based on controlled or lab work and must be confirmed by the buyer by testing for its indented conditions of use.

This product is not been tested for, and is therefore not recommended for, use for which prolonged contact with mucous membranes, abraded skin, or blood is intended, or for use for which implantation within human body is intended.