

Calcite	Technical Datasheet
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Chemical Name	CALCIUM CARBONATE	
Grade Name	Calcite	
CAS No.	471-34-1	
HS Code	28365000	
EINECS No.	207-439-9	
Molecular Formula	CCaO3	
Synonyms	<ul style="list-style-type: none"> • Limestone • Aragonite 	
TEST	SPECIFICATION	METHOD
Appearance	White crystalline powder	Visual
Melting Range (Degrees C)	825	Melting Point Apparatus (Open Capillary Tube Method)
pH	8	pH meter
Density (gm/ cm3)	2.8	Pycnometer

Product Information:

- Calcium carbonate is largely employed in the pulp and paper industry. It can be used as a filter and pigment, making possible the production of a whiter, higher quality pigment than other minerals.
- In the construction industry, calcium carbonate is used as a filler in concrete, increasing its durability and appearance and to purifying metals for use in construction applications.
- Another application of calcium carbonate is in fertilizers to provide calcium to plants and pH stabilization of the soil.
- Calcium carbonate can also be an additive to food products for livestock animals and humans and as a supplement in vitamins.
- It plays an important role in construction, be it as a building material (marble) or as an ingredient in cement.
- It is used in medicinal industries which manufacture antacids, tablets which are made of base materials etc.

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

Product Registration: Calcium Carbonate is approved for use in food contact plastics and is listed under Calcium Metasilicate Mineral.

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: 184.1409 Ground limestone

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.