

MgO	Technical Datasheet
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Chemical Name	MAGNESIUM OXIDE		
Grade Name	MgO		
CAS No.	1309-48-4		
HS Code	2519 90 90		
EINECS No.	215-171-9		
Molecular Formula	MgO		
Synonyms	<ul style="list-style-type: none"> • Magnesia • Maglite 		
TEST	SPECIFICATION	METHOD	
Appearance	White powder	Visual	
Melting Range (Degrees C)	2800-2850	Melting Point Apparatus (Open Capillary Tube Method)	
Density (gm/ cm3)	3.58	Pycnometer	
pH	10.3	pH meter	

Product Information:

- MgO is used as a refractory material for crucibles. It is also used as an insulator in heat-resistant electrical cable.
- MgO is one of the components in Portland cement in dry process plants.
- It is a principal fireproofing ingredient in construction materials.
- Magnesium oxide is used for relief of heartburn and indigestion, as an antacid, magnesium supplement, and as a short-term laxative.
- As a food additive, it is used as an anticaking agent.

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

Product Registration: Magnesium oxide is approved for use in food contact polymer as per the following chapter headings.

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: 177 - INDIRECT FOOD ADDITIVES: POLYMERS
 Subpart: C - Substances for Use Only as Components of Articles Intended for Repeated Use
 Section: 177.2260 Filters, resin-bonded.

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.