

# TECHNICAL DATA SHEET FOR MAGNESIUM HYDROXIDE PLURAATA

Product Description	
Product Name	Magnesium Hydroxide
Grade	PLURAATA
Catalog Number	PL22000044

Product Information	
CAS No.	1309-42-8
EC Number	215-170-3
Chemical Formula	Mg(OH) <sub>2</sub>
Molar Mass	58.3197 g/mol
HS Code	28161010

Packing information	
Description	HDPE Bottle
Pack Size	250 GMS, 500 GMS, 1 KG

Storage Information	
Store at ambient/room temperature away from sunlight in a tightly closed condition	

Transport and Labeling Information	
Declaration (railroad and road) ADR, RID	Not dangerous goods
Declaration (transport by air) IATA-DGR	Not dangerous goods
Declaration (transport by sea) IMDG-Code	Not dangerous goods

PRODUCT SPECIFICATION	
Parameter	Specification
Appearance	White or almost white, crystalline powder or brilliant, colorless crystals.
Solubility	Freely soluble in water, very soluble in boiling water
Assay	95.0-100.5%
Loss on ignition (Max.)	29.0-32.5%
Substances insoluble in acetic acid (Max.)	0.10%
Soluble Substances (Max.)	2.00%
Sulphates (Max.)	1.0000%
Lead (Max.)	0.0002%
Iron (Max.)	0.0700%
Chloride (Max.)	0.1000%
Arsenic (Max.)	0.0004%
Calcium (Max.)	1.50%