



PRODUCT CODE: 201840

Magnesium Hydroxide (E-528, F.C.C.) food grade

H_2MgO_2

$\text{Mg}(\text{OH})_2$

M.= 58,33

CAS [1309-42-8]

EINECS 215-170-3

TARIC 2816 10 00 00

SYNONYMS: Magnesium Hydrate

PHYSICAL DATA: amorphous powder, White, Insoluble in water.Soluble in diluted acids. Hygroscopic • D 2,36 • M.P.: 350 °C •

BIBLIOGRAPHY: Merck Index **12**, 5.706 13, 5.693 Römp **8** , **2454** • BP.**2025** • USP **43** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **13** • Royal Decree I1091 • Directive 2000/63/EC •

HAZARDOUS: RTECS: OM 3570000 • LD50 oral rat 8.500 mg/kg •



H: H319 • H335 • H315 •

P: P261 • P264 • P271 • P280 • P302+P352 • P501 • P304+P340 • P305+P351+P338 • P312 • P321 • P332+P313 • P337+P313 • P362 • P403+P233 • P405 •

SPECIFICATIONS:

Assay (as $\text{Mg}(\text{OH})_2$) (a.d.s.)	95,0 - 100,5 %
Identity :	
Identity Magnesium	passes test
Identity Alkali	passes test
Appearance	passes test
Loss on ignition , not more than	30,0 - 33,0 %
Loss on drying at 105°C , not more than	2,0 %
Calcium Oxide (CaO), not more than	1 %
Free Alkalis and soluble salts , not more than	2 %
Arsenic (As), not more than	3 ppm

Lead, not more than

2 ppm

Specifications Regulation (UE) n° 231/2012, F.C.C. 12, R.D. 1466/2009

For use in foodstuffs according to Regulation (EC) n° 1333/2008 and F.C.C.