



Specification

Concerning Product:	
Article number	1309428V02
Trade name / designation / denomination	Magnesiumhydroxid, techn.
CAS number	1309-42-8
Other names / synonyms	•MAGNESIUM HYDROXIDE; •Magnesium Hydroxide, FCC; •Magnesium Hydroxide, Powder, Reagent; •Magnesium Hydroxide, Powder, USP; •Magnesium hydroxide; •magnesium dihydroxide; •magnesium hydroxide;
EC number	215-170-3
Customs tariff number / CN code / TARIC	28161000
Molecular weight [g / mol]	58,33
Formula	Mg(OH) ₂ H ₂ MgO ₂

Parameter	Specification	Unit
Organoleptic test		
Appearance	odourless, white bulky powder	
Physical parameter		
Density	2400	kg/m ³
Loss on drying	@ 105Â°C, 2h: ≤ 2	%
Identity		
Assay	Magnesium Hydroxide, Mg(OH) ₂ on anhydrous basis ≥ 95	%
Impurities		
Impurity	Calcium oxide, CaO ≤ 1,5	%
Elemental Impurities		
Arsenic (As)	≤ 3	ppm
Lead (Pb)	≤ 2	ppm
Particle size distribution		
Particles	< 0,03 mm ≤ 95	%
Particles	< 0,15 mm ≤ 98	%

Chemische Werke Hommel GmbH & Co.KG

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Waltróp, 14. Apr. 2026

LF-Basis: 1.0 (2026-02-13)

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