

Product name:

Magnesium oxide

Synonyms: Magnesia usta

CAS number: 1309-48-4

General information:		
	Chemical formula: MgO	Molar Mass: 40.30 g/mol
	Appearance: white powder	Density: 3.58 g/cm ³
	Solub. in water: Insoluble	Melting Point: 2852 °C
	Bulk density: 100 kg/m ³	pH value: 10.3 (20 °C)
	Storage temp.: +15°C to +25°C	Cautions: Not a hazardous substance
	R: N/A	S: N/A
	HS-No.: 2519 90 10	EC number: 215-171-9

Hazard Symbol

Safety Information

Grade

Laboratory (Analytical Reagent)

Specification:				
	Assay		96-100.5	%
	Description		Conforms	
	Solubility		Conforms	
	Identification		Conforms	
	Loss on ignition	≤	10.0	%
	Free alkali and soluble salts	≤	2.0	%
	Acid insoluble matter	≤	0.1	%
	Calcium (Ca)	≤	1.1	%
	Heavy metal (as Pb)	≤	0.002	%
	Iron (Fe)	≤	0.05	%
	Residual solvents		Conforms	

Ordering code	25 g	50 g	10 g	250 g	1000g
P.E.				545.05.00250.02	545.05.01000.02
Glass					