

Technical data sheet



Product name: **Magnesium oxide**

Grade: **Laboratory**

Chemical formula: MgO

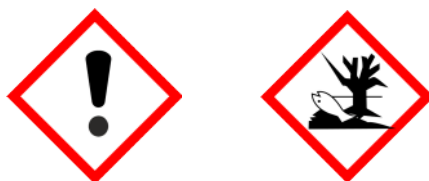
Molar mass: 40.30 g/mol

Synonyms: oxomagnesium; Magnesia

General information	
Cas- No.	1309-48-4
Ec-No.	215-171-9
Appearance	white solid
Boiling point	3600 °C
Melting point	2800 °C
Flash point	N/A
Spec.density	3.58 g/cm ³ (20°C)
Vapour pressure	N/A
Solub. In H ₂ O	Insoluble
Storage temp	≤+30 °C
R:	N/A
S:	22

Specification	
Assay	98.0-100.5 %
Identity (Magnesium)	conforms
Appearance of solution	conforms
Substance soluble in water	≤2.0%
Substances insoluble in HCl	≤0.02%
Calcium	≤1.5%
Iron	≤0.1%
Sulfate	≤0.001%
Loss on ignition (800-900°C)	≤2.0%

Symbol:



packaging:

Available Pack	10 gr	25 gr	50 gr	100 gr	250 gr
P.E	-	-	-	-	*
GLASS	-	-	-	-	-



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