

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**MgO**  
CHEM

<b>Catalogue Number</b>	47192
<b>Product</b>	<b>Magnesium oxide nanopowder (20 nm)</b>
<b>CAS Number</b>	1309-48-4
<b>Molecular Formula</b>	MgO
<b>Molecular Weight</b>	40.30

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<b>Appearance</b>	White nanopowder
<b>Mesh Size</b>	APS 20 nm, SSA 76 m <sup>2</sup> /g
<b>Related Substances</b>	Fe : ≤ 0.005%, Al : ≤ 0.005% Ca : ≤ 0.006%, Hg : ≤ 0.01 ppm, Pb : ≤ 0.02 ppm
<b>Purity</b>	≥ 99.9% (Trace metals basis)
<b>Application</b>	Magnesium oxide used in refractory materials, dehydration, electric insulation, magnetic devices, fuel additive, fire retardant
<b>Storage</b>	Store at RT

**For Laboratory Use Only**