



ALDEON

ALDEMAG 0-1 mm

Magnesium Oxide (Caustic Calcined Magnesite) // MgO
MG003 // Version 1.0

ALDEMAG® is produced from calcination of high-grade magnesium carbonate. Our Caustic Calcined Magnesite(Magnesium Oxide) is calcinated in a modern, high-efficiency furnace using controlled natural gas heating and is characterized by a high reactivity and availability.



Cas Number 1309-48-4 EINECS Number 215-171-9

Magnesium Oxide (MgO)	min.83.5 %
Magnesium (Mg)*	min.50.0 %
Silicon Dioxide (SiO ₂)	max.8.0 %
Calcium Oxide (CaO)	max.4.0 %
Iron (III) Oxide (Fe ₂ O ₃)	max.1.5 %
Aluminium (III) Oxide (Al ₂ O ₃)	max.0.5 %
Loss on ignition	max.4.0 %
Grain size	0 – 1 mm

(*) calculated from MgO

Arsenic (As)	max.20 mg/kg
Cadmium (Cd)	max.2 mg/kg
Fluorine (F)	max.600 mg/kg
Lead (Pb)	max.10 mg/kg
Mercury (Hg)	max.0.1 mg/kg
Nitrites (as Sodium nitrite)	max.15 mg/kg

Dioxins and PCBs:	
Dioxins (ng WHO-PCCD/F-TEQ/kg)	max.0.75 ng/kg
Dioxins+PCBs (ng WHO-PCDD/F-PCB-TEQ/kg)	max.1.0 ng/kg
Non-Dioxin like PCBs	max.10 µg/kg

Packaging

All Magnesium Oxide grades and various grain size fractions can be delivered as bulk cargo, big bags or in 25-kilogram paper bags.

The data given above are based on our continuous quality monitoring system. They do not exempt the users from their obligation to make an incoming control of the delivered product. The data are for information purposes only and are not to be taken as a guarantee. It is the responsibility of the users to determine the product's suitability for its intended use.