

aquaprox magtreat s

MAGNESIUM HYDROXIDE AQUEOUS SUSPENSION FOR ENVIRONMENTAL APPLICATIONS

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DESCRIPTION

Concentrated, stabilized magnesium hydroxide aqueous suspension. Produced from selectively mined natural magnesium hydroxide.

PROPERTIES

Aqueous Suspension

DrySolids, %	58.0 min
Density, kg/m ³	1500 min
Viscosity, (Brookfield VT, 100 rpm), cps	650 max
Freeze Point, °C	0

Dry Solids Basis

MgO/Mg(OH) ₂ , %	64.0/92.8 min
CaO, %	2.5 max
SiO ₂ , %	1.5 max
Fe ₂ O ₃ , %	0.2 max
SO ₄ ²⁻ , %	non-detectable
Cl ⁻ , %	non-detectable
Specific Surface Area, m ² /g	9-13
Median Particle Size D ₅₀ microns:	3.0-6.0

APPLICATIONS

The product is recommended for acid neutralization, wastewater treatment, heavy metal precipitation, reduction of odor and corrosion in sewage systems and flue gas desulphurization.

STORAGE

For long term storage periodic agitation of the suspension is necessary. Store at the warehouse/ vessel with temperature above the freezing point.

SAFETY

Refers to low-hazard substances; fire- and explosion-proof, non-toxic.

PACKAGING

Bulk or IBC's.

Equivalents (dry solids basis)	
CaCO ₃ (calcium carbonate)	= 1.0 mt Equivalent to 0.58 mt Mg(OH) ₂
Na ₂ CO ₃ (soda ash)	= 1.0 mt Equivalent to 0.55 mt Mg(OH) ₂
NaOH (caustic soda)	= 1.0 mt Equivalent to 0.73 mt Mg(OH) ₂
Ca(OH) ₂ (hydrated lime)	= 1.0 mt Equivalent to 0.79 mt Mg(OH) ₂