

UTILIMAG[®] H

UtiliMag[®] H Magnesium Hydroxide Slurry

DESCRIPTION	UtiliMag H is a concentrated, stabilized aqueous suspension of magnesium hydroxide with excellent flow and storage properties. UtiliMag H is produced from magnesium-rich brine and dolomitic lime at our Manistee, MI plant.		
USES	UtiliMag H is used in environmental applications such as SO ₂ and SO ₃ flue gas scrubbing, backend boiler treatment for corrosion and opacity control, and neutralization of wet ESP acidic effluent.		
CHEMICAL AND PHYSICAL PROPERTIES	<u>Aqueous Suspension</u>	<u>Typical</u>	<u>Specification</u>
	Dry Solids, %	60.9	58.5 min.
	Bulk Density, lb/gal	12.8	12.5 min.
	Mg(OH) ₂ Contained, lb/gal	7.7	---
	Viscosity, (Brookfield VT, 100 rpm), cps	183	70 - 600
	Freeze Point, °C	0	---
	<u>Dry Solids Basis</u>	<u>Typical</u>	<u>Specification</u>
	Mg(OH) ₂ , %	98.7	98.2 min.
PACKAGING	Median Particle Size, micron	2.5	---
	% Passing 325 mesh	99.9	99.0 min.
	Martin Marietta Magnesia Specialties offers its magnesium hydroxide slurry products in bulk shipments (railcar and truck) only. Tote and drum quantities can be supplied by Martin Marietta authorized distributors.		
STORAGE	Mild steel vessels. Extended storage requires intermittent agitation and freeze protection.		

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