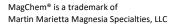
MAGCHEM® MH 10 ULC Specialty Grade Magnesium Hydroxide Powder

DESCRIPTION	MagChem MH 10 ULC magnesium hydroxide is a fine white powder with high purity and ultra-low calcium chemistry produced from magnesium-rich brine and dolomitic lime. MagChem MH 10 ULC is suitable for use in production of magnesium salts, ceramics, specialty fue additives, and other general purpose chemical applications when ultra-low calcium levels are		
	desirable.		
COMPOSITION		<u>Typical</u>	Specification
(DRY BASIS)	Magnesium Hydroxide (Mg(OH)₂), %	99.1	98.0 min.
	Magnesium Oxide (MgO), % (equivalent)	68.5	67.7 min.
	Calcium Oxide (CaO), %	0.26	0.30 max.
	Silicon Oxide (SiO ₂), %	0.22	0.35 max.
	Iron Oxide (Fe_2O_3), %	0.10	0.20 max.
	Aluminum Oxide (Al ₂ O ₃), %	0.07	0.15 max.
	Chloride (Cl), %	0.22	0.35 max.
	Sulfate (SO₃), %	0.01	0.25 max.
	Loss on Ignition, %	31.0	29.0 min.
	Free Moisture, %	0.5	1.5 max.
PHYSICAL	Typical		
PROPERTIES	Surface Area, m ² /g	11	
(TYPICAL)	% Passing 325 mesh	99.9	
	Median Particle Size, micron	1.2	
	Loose Bulk Density, lb/ft ³	22	
	Tapped Bulk Density, lb/ft ³	36	
PACKAGING	Martin Marietta Magnesia Specialties offers a variety of packaging options, including bags, and bulk sacks. Please contact a sales representative for information on available packaging options.		
STORAGE	Store in a dry location. Exposure to moisture may cause caking. Reseal opened containers.		

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