

MagTreat

Magnesium Hydroxide slurry, solution for water treatment

Description	High purity, concentrated, stabilized reactive magnesium hydroxide aqueous slurry. Produced from selectively mined natural magnesium hydroxide																								
Uses	The product is recommended for acid neutralization, biological wastewater treatment, and heavy metal precipitation.																								
Chemical and physical properties	<p>Aqueous Slurry</p> <table><tr><td>Dry Solids, %</td><td>50 min.</td></tr><tr><td>Density, kg/m³</td><td>1300 min.</td></tr><tr><td>Viscosity, (Brookfield VT, 100 rpm), cps</td><td>700 max.</td></tr><tr><td>Product appearance</td><td>White, homogeneous, stabilized slurry</td></tr></table> <p>Dry Solids Basis</p> <table><tr><td>MgO/Mg(OH)₂ %</td><td>64,0/92,8 min.</td></tr><tr><td>CaO, %</td><td>2,5 max.</td></tr><tr><td>SiO₂, %</td><td>2,0 max.</td></tr><tr><td>Fe₂O₃, %</td><td>0,15max.</td></tr><tr><td>Loose Bulk Density, kg/m³</td><td>350 min.</td></tr><tr><td>Specific Surface Area, m²/g</td><td>9-13</td></tr><tr><td>Humidity, %</td><td>0,5 max.</td></tr><tr><td>Particle Size Distribution, micrometer: D₅₀</td><td>3,5-6,0</td></tr></table>	Dry Solids, %	50 min.	Density, kg/m ³	1300 min.	Viscosity, (Brookfield VT, 100 rpm), cps	700 max.	Product appearance	White, homogeneous, stabilized slurry	MgO/Mg(OH) ₂ %	64,0/92,8 min.	CaO, %	2,5 max.	SiO ₂ , %	2,0 max.	Fe ₂ O ₃ , %	0,15max.	Loose Bulk Density, kg/m ³	350 min.	Specific Surface Area, m ² /g	9-13	Humidity, %	0,5 max.	Particle Size Distribution, micrometer: D ₅₀	3,5-6,0
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Equivalents	CaCO ₃ * 1.00 kg Equivalent to 0.58 kg Mg(OH) ₂ NaOH 1.00 kg Equivalent to 0.73 kg Mg(OH) ₂ <i>* All Chemicals Shown on 100% basis</i>																								
Storage:	Guaranteed shelf life of 2 months from date of manufacturing. Recirculation or mechanical mixing is required for bulk storage.																								
Security:	Refers to low-hazard substances; fire- and explosion-proof, non-toxic																								
Transportation:	Tankcar, tank truck.																								

Rotterdam Science Tower, 18th
Floor, Marconistraat 16, 3029 AK
Rotterdam, the Netherlands
+31 (0) 10 350 6206
info@europiren.com

