



AQUAMAG® FM

Magnesium Hydroxide Slurry

PRODUCT DESCRIPTION

AQUAMAG® FM is a concentrated stabilized aqueous suspension of magnesium hydroxide produced from magnesium-rich brine.

CUSTOMER BENEFITS

AQUAMAG FM delivers value through:

- **Reduced sludge volume.** Divalent Mg^{+} cation increases settling.
- **Preventing over-treatment.** The maximum pH is 9.5 – 10.
- **Safety.** AQUAMAG FM is non-hazardous and does not require specialized PPE or DOT signage.

APPLICATIONS

- Acid neutralization
- Alkalinity for biological wastewater treatment
- Acid gas scrubbing
- Heavy metals removal from wastewater
- Magnesia salt production

CHEMICAL ANALYSIS (% Ignited Oxide Basis)

	<u>Typical</u>	<u>Minimum</u>
MgO	98.8	98.5
CaO	0.6	

PHYSICAL PROPERTIES

	<u>Typical</u>	<u>Specification</u>
Solids (%)	61.0	58.5 - 63.0
Density (lbs/gal)	12.80	12.60 - 13.19
Median Particle Size (micron)	3.0	
Viscosity (cps)*	200	70 - 300

*Brookfield RVT Viscometer @ 100 rpm, 60 sec at 70° F

PACKAGING AND STORAGE

AQUAMAG FM is shipped in bulk tank trucks and should be stored in approved agitated tanks. AQUAMAG FM should be protected from freezing.

Product manufactured in the USA

AQUAMAG® is a registered trademark of Premier Magnesia, LLC

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