



# AQUAMAG® NW

## Magnesium Hydroxide Slurry

### PRODUCT DESCRIPTION

AQUAMAG® NW is a concentrated stabilized aqueous suspension of magnesium hydroxide produced from calcined magnesite.

### CUSTOMER BENEFITS

AQUAMAG NW delivers value through:

- **Reducing sludge volume.** Divalent  $Mg^{+}$  cation increases settling.
- **Preventing over-treatment.** The maximum pH is 9.5-10.
- **Safety.** AQUAMAG NW is non-hazardous and does not require specialized PPE or DOT signage.
- **Doing more with less.** For instance, it requires 27% more lime and 37% more caustic soda than AQUAMAG NW for sulfuric acid neutralization.

### APPLICATIONS

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

Product manufactured in the USA

**AQUAMAG® is a registered trademark of Premier Magnesia, LLC**

Premier Magnesia, LLC, 1275 Drummers Lane, Suite 102, Wayne, PA 19087  
1-800-227-4287

<http://www.premiermagnesia.com>

<http://www.magslurry.com>

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### CHEMICAL ANALYSIS (% Ignited Oxide Basis)

	<u>Typical</u>	<u>Minimum</u>
MgO	92.0	90.00
SiO <sub>2</sub>	2.5	
Fe <sub>2</sub> O <sub>3</sub>	0.6	
CaO	4.2	

### PHYSICAL PROPERTIES

	<u>Typical</u>	<u>Specification</u>
Solids (%)	60.0	57.0 - 63.0
Density (lbs/gal)	12.90	12.62 - 13.19
Viscosity (cps)*	200	100 - 500

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

### PACKAGING AND STORAGE

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