



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>

Disclaimer: The information provided in this Product Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Date: 1/13/2017

CHEMICAL ANALYSIS (% Ignited Oxide Basis)

	<u>Typical</u>	<u>Minimum</u>
MgO	92.0	90.00
SiO ₂	2.5	
Fe ₂ O ₃	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.