

AQUAMAG[®]

Magnesium Hydroxide Slurry

Used in Biological Wastewater Treatment Systems

AQUAMAG[®] is the ideal choice for Biological Wastewater Treatment Processes. In acid neutralization, magnesium hydroxide produces a limited number of hydroxide ions and exhibits very low solubility. As neutralization takes place, the soluble hydroxide ions in AQUAMAG[®] are consumed by the acid. Additional hydroxide ions become available as the magnesium hydroxide dissolves. This chemical reaction takes longer and is safer for anaerobic bacteria.

AQUAMAG[®] magnesium hydroxide tends to react more rapidly at low pH levels and/or high acid concentrations. As pH levels increase and acid contents decrease, the magnesium hydroxide reacts more slowly.

AQUAMAG[®] offers many advantages when compared to liquid caustic soda and lime.

Advantages

- 1) Stable Price.
- 2) Safe both for the environment and personnel.
- 3) Salts formed are soluble.
- 4) No Sulfate Sludge.
- 5) Readily Available.
- 6) Low freezing point.
- 7) Reduces Caustic Hot Spots which kill bacteria.
- 8) Reduces polymer consumption.

For more information, please contact your local Hill Brothers representative. Visit us on the web at www.hillbrothers.com



Aquamag generates less sludge than other chemistries

