

AQUAMAG®

Magnesium Hydroxide Slurry

Used for Waste Water Neutralization and Sludge Volume Control

AQUAMAG®, when compared to other alkali, works more efficiently at neutralization and produces less sludge volume. The neutralization efficiency increase is due to the two hydroxyl groups that are present on each Magnesium atom. The reduction in sludge volume is due to a several mechanisms. One of the mechanisms is the slow reaction rate of the AQUAMAG® which allows for larger metal hydroxide particles to grow without entraining water. Another mechanism is, Magnesium is divalent and bridges the gap that is present in natural floc from biological waste water treatment systems.

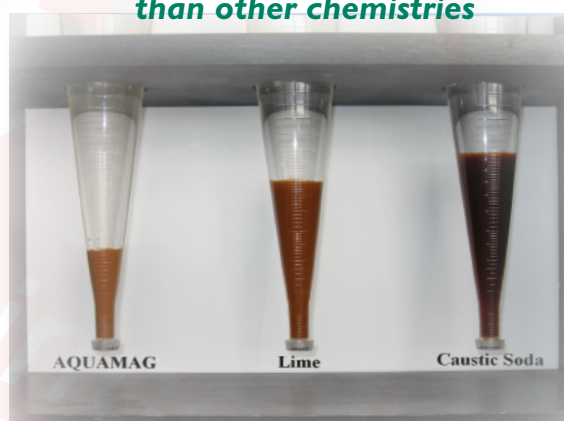
Advantages

- 1) Cost effective
- 2) Historic price stability
- 3) Readily available
- 4) Safe for personnel
- 5) Earth friendly
- 6) Prevents high pH due to over treatment (Buffers at pH 9)
- 7) Reduced sludge volumes
- 8) No sulfate sludge
- 9) Salts formed are soluble
- 10) Low freeze point

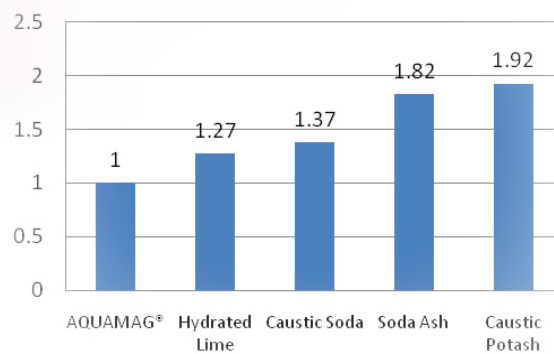
For more information, please contact your local Hill Brothers representative. Visit us on the web at www.hillbrothers.com



Aquamag generates less sludge than other chemistries



Ratio of AQUAMAG to other Alkali



Hill Brothers – Industrial and construction chemicals continuously since 1923

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