

THIOGUARD® TST

EFFECTIVE, ENVIRONMENTALLY SAFE TOTAL SYSTEM TREATMENT FOR MUNICIPAL WASTEWATER



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THIOGUARD® TST is a non-hazardous
application with no required
reportable quantities (RQ = None)

THIOGUARD.COM



OWNED, MINED
AND PRODUCED
IN THE USA

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WATERJAM 2018

THE VIRGINIA BEACH CONVENTION CENTER
THURSDAY, SEPTEMBER 13TH • 9-9:30 AM
SESSION 37 • ROOM 3C

Join Premier's Partner,
DR. ALAN BOWERS OF VANDERBILT UNIVERSITY,
for his presentation on **Taking Magnesium to Heart:**
Mg(OH)₂ for pH and Alkalinity Control in Drinking Water Treatment



At THIOGUARD®, we are concerned with all things magnesium, so when we run across an article like this one on *Brain Blogger*, we want to share it. It is about the health benefits of magnesium on the brain. We hope you enjoy the article.



Nurturing the Brain with Magnesium

BY SARA ADAES, PHD | JULY 26, 2017



Premier Magnesia, LLC is a global market leader in magnesia-based products and solutions.

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Magnesium is everywhere – it does not occur free in nature, only in combination with other elements, but it is the eighth most abundant chemical element in the Earth's crust and the third most abundant element in seawater; it is even the ninth most abundant in the Milky Way. In the human body, magnesium is the fourth most abundant ion and the eleventh most abundant element by mass, being stored in bones, muscles, and soft tissues.

Magnesium is fundamental for health: it is essential to all cells and to the function of hundreds of enzymes, including enzymes that synthesize DNA and RNA, and enzymes involved in cellular energy metabolism, many of which are vital. Magnesium is involved in virtually every major metabolic and biochemical process in our cells and it plays a critical role in the physiology of basically every single organ.

Low plasma levels of magnesium are common and are mostly due to poor dietary intake, which has lowered significantly in the last decades. Magnesium can be found in high quantities in foods containing dietary fiber, including green leafy vegetables, legumes, nuts, seeds, and whole grains.

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**IS TECHNICAL GRADE MAGNESIUM HYDROXIDE $Mg(OH)_2$
THE NON-HAZARDOUS, EARTH-FRIENDLY ALTERNATIVE FOR PREVENTING ODOR
AND CORROSION, WHILE PROVIDING POSITIVE PLANT BENEFITS.**

CLICK HERE TO LEARN MORE!



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