

THIOGUARD® ΩMEGA-S

EFFECTIVE, ENVIRONMENTALLY SAFE TOTAL SYSTEM TECHNOLOGY FOR MUNICIPAL WASTEWATER



NEWSLETTER ARCHIVE

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THIOGUARD® Newsletter Series



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related to THIOGUARD®



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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ENHANCE YOUR ANAEROBIC DIGESTION PROCESS SAVE MONEY & IMPROVE PERFORMANCE

Historically, iron compounds have been added to anaerobic digesters for odor control. However, Iron is responsible for a multitude of unintended consequences in digesters. **Premier Magnesia and Thioguard have been using magnesium hydroxide to improve operation of anaerobic digesters for over 30 years.** Magnesium hydroxide is an alternative to iron that will actually improve the operation of the digester. The table below clearly illustrates the benefits and COST SAVINGS when magnesium hydroxide is substituted for iron in anaerobic digesters.



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

THIOGUARD[®] ΩMEGA-S

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PERFORMANCE ENHANCEMENTS AND COST SAVINGS	THIOGUARD	IRON
Prevents digester from going sour	✓	✗
Digester operates at higher, more stable pH range - more resilient to change	✓	✗
Increased alkalinity allows digester to handle increased loading	✓	✗
Less sludge for dewatering and disposal, saves money	✓	✗
Higher quality, more stable sludge for disposal	✓	✗
Lower polymer use, significant cost savings	✓	✗
More complete digestion, more available gas	✓	✗
Equivalent H ₂ S control without Operational Downsides	✓	✗



Click here for details on how to
IMPROVE PERFORMANCE AND SAVE MONEY!



If the owner or operator is concerned with struvite formation, **THIOGUARD** has a model to predict struvite formation potential and has a proven solution that will prevent struvite formation, if predicted by the model. **THIOGUARD ΩMEGA-S** actually prevents struvite formation. Do not let unwarranted concerns over possible struvite formation prevent your utility from reaping the benefits of magnesium hydroxide in your anaerobic digesters.

THIOGUARD[®] TST

IS TECHNICAL GRADE MAGNESIUM HYDROXIDE Mg(OH)₂ THE NON-HAZARDOUS, EARTH-FRIENDLY ALTERNATIVE FOR PREVENTING ODOR AND CORROSION, WHILE PROVIDING POSITIVE PLANT BENEFITS.

REQUEST INFO OR SCHEDULE A CALL



THIOGUARD.COM

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