

— THE VERSATILE —

# MAGNESIUM THIOSULFATE

0-0-0-10S-4Mg

— FERTILIZER SOLUTION —

TESSENDERLO  
*Kerley*

**MagThio**

EST. 1919

ENHANCES NUTRIENT UPTAKE  
ASSISTS IN NITROGEN FIXATION  
BLENDS WITH MANY LIQUID FERTILIZERS

# ADD ESSENTIAL MAGNESIUM

WITH A VERSATILE LIQUID FERTILIZER



**MagThio® (0-0-0-10S-4Mg)** is a clear, neutral to slightly acidic, chloride free solution containing 4% magnesium and 10% thiosulfate sulfur that can be applied as a foliar treatment, or blended with other fertilizers.

**An efficient source of soluble magnesium and thiosulfate sulfur, MagThio assists in the correction and supplementation of nutrient deficiencies in fruit, vegetable and forage crops.**

**Benefits of introducing the magnesium in MagThio into your growing program:**

- MagThio assists in nitrogen fixation in legumes.
- MagThio helps phosphorus move in the plant.
- MagThio enhances nutrient uptake and iron utilization.
- MagThio assists in the prevention of grass tetany.



# DELIVER MAGNESIUM AND THIOSULFATE SULFUR EFFICIENTLY AND EFFECTIVELY

## Did You Know that MagThio:



- Delivers magnesium, the central constituent of the chlorophyll molecule in photosynthesis.
- Assists in protein and carbohydrate synthesis.
- Enhances starch translocation.
- Assists with plant oil and fat formation.
- Is an enzyme activator and adds magnesium, a constituent of many enzymes.
- Works well in sandy, highly leached soils with low cation exchange capacity, and soils with high ratios of exchangeable Ca/Mg.
- May be applied by drip, sprinkler or flood irrigation.
- Can be blended with KTS® to supply both potassium and magnesium in a liquid blend.
- Is compatible with many fertilizer solutions.

CALL A TESSENDERLO KERLEY CROP VITALITY SPECIALIST  
FOR INSIGHTS AND ASSISTANCE ABOUT GEOGRAPHIC, CROP-  
SPECIFIC AND SOIL-RELATED MATTERS.

Crop Vitality Specialists are experts in understanding  
your region and crop. They are available for:

- Technical information
- Scheduling lab analysis
- Field studies specific to your issues
- Blend testing
- Application and storage tips

We'll be glad to explain more about the full line of  
Tessenderlo Kerley Crop Vitality products – all designed  
to create a more efficient and economical way to enhance  
crop yields.

And our national distribution network of terminals and  
our own rail and truck fleets make it possible to deliver  
what you need, when you need it.

CONTACT US TODAY



PHONE  
(800) 525-2803

EMAIL  
[info@cropvitality.com](mailto:info@cropvitality.com)

WEB  
[cropvitality.com](http://cropvitality.com)

# TECHNICAL DATA

## MagThio 0-0-0-10S-4Mg

### PLANT NUTRIENT CONTENT WEIGHT %

Magnesium (Mg)	4
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Total Sulfur (S)	10
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### TYPICAL PROPERTIES

Specific Gravity	1.25
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pH	6.5 - 8.0
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Appearance	Colorless
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Salt-Out Temperature	< 25°F
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### FORMULATION AND APPLICATION FACTORS, 68°F

Density: pounds per gallon	10.4
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Volume: gallons per ton	192
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Pounds of Magnesium per gallon	0.41
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Pounds of Sulfur per gallon	1.0
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The manufacturing process of MagThio is patent protected.



### Handling and Application

See the MagThio Application Guide for handling instructions, crop precautions, rate recommendations by crop and timing of applications. See the Safety Data Sheet (SDS) for safety and first aid information. Both are available at [cropvitality.com](http://cropvitality.com)

### ASK OUR

CROP VITALITY SPECIALISTS  
ABOUT THE FULL RANGE OF  
CROP VITALITY PRODUCTS



### Warranty and Limitation of Damages

Seller's guarantee shall be limited to the terms in the Application Guide, and subject thereto, the buyer assumes any risk to person or property arising out of use or handling and accepts the product on these conditions.

## CONTACT INFORMATION

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