

PHLOEM


Manganese

Guaranteed Analysis

Sulfur (S).....2.75%
 Manganese (Mn).....5.0%

Derived From: Manganese Sulfate complexed by citric acid and sodium glucoheptonate

GENERAL INFORMATION: Phloem Manganese is a liquid foliar Manganese fertilizer, for application during primary growth stages. This material contains 0.39 lbs of Manganese in each gallon. This product is for use in foliar sprays. It is intended to be a supplement to a fertility program. Always monitor crop nutrient needs and responses with a soil, leaf tissue and irrigation water analysis program.



DANGER
HAZARD STATEMENTS
 Causes skin irritation.
 Causes serious eye damage.
 May cause damage to organs through prolonged or repeated exposure.

PRECAUTIONARY STATEMENTS
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE:
 IF ON SKIN: Wash with plenty of water
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Immediately call a POISON CENTER or doctor/physician.
 Specific treatment (see First Aid on SDS or on this label).
 If skin irritation occurs: Get medical advice or attention.
 Take off contaminated clothing and wash before reuse.

DISPOSAL: Dispose of in accordance with local, regional and international regulations.

Percentage of Components with Unknown Acute Toxicity:
 Oral: 21.4%, Dermal: 21.4%, Inhalation Vapor: 21.4%, Inhalation Dust/Mist: 30.5%

REFERENCE: SDS 0563.02

SEE LABEL ON PRODUCT FOR NET CONTENTS.

This product is available in:
2.5 GALLONS (9.46 LITERS)
BULK

Density: 10.18 lbs per gallon (1.22 kgs per liter) @ 68°F

Source To Source
 Guaranteed by:
 Source to Source, a TAP Family Company
 3233 South "I" Street
 Tulare, CA 93274
 Toll Free: 866.727.4572

**NOT FOR USE IN
 ORGANIC CROP AND
 ORGANIC FOOD
 PRODUCTION**

DIRECTIONS FOR USE

FOLIAR APPLICATIONS:

Phloem Manganese may be foliar applied. In a clean spray tank, add any dry powders and water and agitate. Add liquid Fertilizers and Phloem Manganese last, continuing agitation. Concentration should not exceed 0.50% (volume to volume) in the finished spray solution. Always use enough water for uniform application and to prevent possible plant tissue damage to the intended crop from concentrated droplets. Contact your Source to Source representative for rates when using low-volume and electrostatic sprayers. Apply during the cool part of the day, or when temperatures below 85° F. Do not apply under windy conditions, or other conditions that promote fast drying of leaf surfaces.

Maximum Concentration ratio:
 Mix 1 pint of Phloem Manganese in no less than 25 gallons of water.

PRECAUTIONS:

Agitate prior to use.

COMPATIBILITY:

This product has an acidic pH and is compatible with many commonly applied nutrients and crop protection products. Contact a Source to Source representative for a list of compatible mixes. Jar test for compatibility prior to mixing with any pesticides, fertilizers or fertilizer blends. For unfamiliar mixes, an appropriate amount of the final mix should be applied to a small area of the intended crop to ensure plant compatibility prior to the planned application. User assumes full responsibility to ensure product, equipment and plant compatibilities.

STORAGE AND SHELF LIFE:

Store in a sealed container in cool, dry location, at temperatures above freezing. Triple rinse and dispose of containers according to local and federal regulations.

SUGGESTED APPLICATION RATES & TIMINGS

FRUIT & NUT TREES & GRAPE VINES & OTHER VINES:

Apply 1-4 pints of Phloem Manganese per acre up to every 7 days during timings of key nutrient demands, in combination with water and any compatible mineral that may be needed. Do not exceed 6 pints of Phloem Brand in a 30 day period.

VEGETABLE CROPS, FIELD AND ROW CROPS:

Apply 1-4 pints of Phloem Manganese per acre up to every 7 days during timings of key nutrient demands, in combination with water and any compatible mineral that may be needed. Do not exceed 6 pints of Phloem Brand in a 30 day period.

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. Buyer shall assume all risks of use including, but not limited to crop injury, ineffectiveness or other unintended consequences as may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of the seller. In no case shall Source to Source be liable for consequential, special or indirect damages resulting from the use or handling of this product. Always refer to the label on the product before use. Phloem™ is a trademark product of Source to Source, Tulare CA. This label is for use in California and Arizona. For use in other states please contact your Source to Source dealer, as labels may vary by state. Information regarding the contents and levels of metals in this product is available by calling 1.866.727.4572.