

# PHLOEM

## copper

**Guaranteed Analysis**

Sulfur (S).....1.75%  
Copper (Cu).....4.0%

Derived From: Copper Sulfate Pentahydrate complexed by citric acid and sodium glucoheptanoate

**GENERAL INFORMATION:** Phloem Copper is a liquid foliar copper fertilizer, for application during primary growth stages. This material contains 0.39 lbs of copper 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.

**HAZARD STATEMENTS**

Harmful if swallowed  
Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation  
May damage fertility or the unborn child.  
Causes damage to organs through prolonged or repeated exposure.



**PRECAUTIONARY STATEMENTS**

**PREVENTION:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist, vapours and/or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.  
**RESPONSE:** If INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If on skin: Wash with plenty of water. Take off contaminated clothing and wash before reuse. Specific treatment, see supplemental first aid information. If skin irritation occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If advised or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell.  
**STORAGE/DISPOSAL:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.139 - 3.2085 percent of this product consists of an ingredient of unknown toxicity.  
REFERENCE: SDS 0564 01

See label on the product for net contents.

**THIS PRODUCT IS AVAILABLE IN:**  
2.5 GALLONS (9.46 LITERS)  
5 GALLONS (18.93 LITERS)

**BULK:**  
Density: 9.73 lbs per gallon (1.17 kgs per liter) @ 68°F

Guaranteed by:  
Source To Source, a TAP Family Company  
3233 South 7th 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 Copper may be foliar applied. In a clean spray tank, add any dry powders and water and agitate. Add liquid Fertilizers and Phloem Copper 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 Copper in no less than 2.5 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. Jett 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 1-2 pints of Phloem Copper 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 in a 30 day period.

**VEGETABLE CROPS, FIELD AND ROW CROPS:**

Apply 1-2 pints of Phloem Copper 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 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.