

**CHEM-KEY™**

# LIQUID MANGANESE

**CHEM-KEY™**

**FOR CORRECTION OR PREVENTION OF  
MANGANESE DEFICIENCY IN MOST CROPS**

## GUARANTEED ANALYSIS

**Sulfur (S)**.....3.00%

3.00% Combined Sulfur (S)

**Manganese (Mn)**.....5.00%

5.00% Chelated Manganese (Mn)

**Derived from:** *Manganese Citrate and  
Ethylenediaminetetraacetate(EDTA).*

### CAUTION:

#### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid contact with eyes, skin, and clothing.

Avoid breathing spray mist.

#### READ LABEL — FOLLOW DIRECTIONS!

Refer to MSDS for health, safety and environmental information.

*Information about the components of this fertilizer material may be obtained by writing to CNI Agriminerals  
P.O. Box 3706 Albany, GA. 31706, and giving the lot number which is found on the container.*

## WHAT TO DO IN CASE OF CONTACT

**If Ingested:** Give large amounts of water or milk, if conscious. Contact a physician immediately.

**Eye Contact:** Flush eyes with clean water for 15 minutes. Seek medical attention immediately.

**Skin Contact:** Remove contaminated clothing and wash skin with soap and water. Seek medical attention if irritation develops or persists.

**If Inhaled:** Move to fresh air and seek medical attention if irritation develops or persists.

**For additional information call CHEMTREC 800-424-9300**

*If there is contact made with spray solution containing pesticides and/or spray adjuvants, follow the "Statement of Practical Treatment" on the product labeling.*

This product may be corrosive to aluminum, mild steel and brass. Store in HDPE, fiberglass or stainless steel containers. Use only stainless steel, P.V.C., or polypropylene fittings.

**Storage:** Store in cool place in original container in a locked storage area inaccessible to children, pets, domestic animals or wildlife.

**Container Disposal:** Do not reuse empty containers. Triple rinse (or equivalent) then offer for recycling or disposal by procedures approved by state or local authorities.

#### Net Weight:

Pail: 49 lb (22.22kg)

#### Net Contents:

Pail: 5 gals (18.92 liters)

F1252

Bulk:

Lot #: 066059

**CNI AgriMinerals**

P.O. Box 3706 • ALBANY, GEORGIA 31706 • PHONE: 229-883-5538 • FAX: 229-439-0842

## GENERAL INFORMATION

**CHEM-KEY™ LIQUID Manganese** is a complexed liquid micronutrient compound containing sulfur and manganese. It is designed for foliar and soil application for prevention and correction of manganese deficiency. It is recommended for use as an additive in liquid or dry fertilizers. It is compatible with most agricultural pesticides.

**CHEM-KEY™ LIQUID Manganese** tank-mixed in water will decrease alkaline hydrolysis associated with organo-phosphate pesticides.

**CHEM-KEY™ LIQUID Manganese** is NOT RECOMMENDED for use with pesticides that are not compatible with acid materials. **DO NOT MIX WITH HIGH PHOSPHATE LIQUID FERTILIZERS.**

## DIRECTION FOR USE

**CHEM-KEY™ LIQUID Manganese** may be applied by ground or aerial application. Use sufficient water for thorough and uniform coverage of foliage or soil. Foliar application is recommended when fast correction is desired. For best results use a non-ionic surfactant.

**CHEM-KEY™ LIQUID Manganese** will disperse in water with minimal agitation. It serves as a buffer when used in tank mixes with pesticides.

Always check compatibility before mixing. Use only the following sequence:

1. Water
2. **CHEM-KEY™ LIQUID Manganese**
3. Pesticide or fertilizers.

## RECOMMENDED RATES

Rates and timing of application are dependent on local conditions and should always be made as a result of soil and/or plant tissue analysis. Local climatic conditions, infestations and other factors affect the performance of any pesticide or nutritional spray. Therefore, consult your local chemical company representative or agricultural extension agent for specific use information in your area.

## WHAT TO DO IN CASE OF CONTACT

CNI AgriMinerals (Company) warrants that this product conforms to the chemical description of the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseen by the Company. **THE COMPANY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. THE COMPANY SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND THE COMPANY'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND SELLER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. THE COMPANY DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO, MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**