

SUPRA-STARTER LIQUID MANGANESE

For Soil Application in Starter Fertilizers
For Prevention or Correction of Manganese Deficiency

NOT FOR FOLIAR APPLICATION GUARANTEED ANALYSIS

Sulfur (S)	3.00%
3.00 % Combined Sulfur (S)	
Manganese (Mn)	5.00%
5.00% Chelated Manganese (Mn)	
5.00% Water Soluble Manganese (Mn)	

Derived from: Manganese Citrate and Manganese Sulfate

WARNING: Harmful if swallowed. May be harmful in contact with skin. Causes serious eye irritation. Causes skin irritation. May be harmful if inhaled. May cause damage to organs (central nervous system) through prolonged use or repeated exposure (via inhalation).

WHAT TO DO IN CASE OF CONTACT

Eye: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation persists. **Skin:** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation develops. **Inhalation:** Move to fresh air. Obtain medical attention if irritation develops. **Ingestion:** Drink large volumes of water. Call a physician or poison control center. **Indication of Immediate Medical Attention and Special Treatment Needed:** In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 800-424-9300

FOLLOW DIRECTIONS! Refer to SDS for health, safety and environmental information. **Keep out of Reach of Children**



Net Weight:

Pail: 51lbs (23.13 kg)

Bulk _____

F696

Net Contents

Pail: 5 gal (18.92 liters)

250 gal. tote

LOT NUMBER:

Starter Chelate

GENERAL INFORMATION

SUPRA-STARTER LIQUID MANGANESE is specifically formulated for use in high phosphate materials such as 10-34-0 which are commonly applied in the row as a "Starter" or "Pop-up" fertilizer. It is a proprietary blend of a soluble metal in an aqueous citrate solution that enhances and maintains micronutrient availability and accelerates up-take by crops.

SUPRA-STARTER LIQUID MANGANESE contains citric acid which helps solubilize soil phosphate and maximize phosphorus up-take by crops. It is ideal for use in "minimum" and "no-till" starter solutions. SUPRA-STARTER LIQUID MANGANESE is designed for soil application only. Foliar application may result in foliage burn. It can be used in fluid fertilizers, most nitrogen solutions and impregnated on dry blend fertilizer. It is compatible with most pesticides. Always make a small-scale test to assure compatibility.

DIRECTIONS FOR USE

A specific mixing sequence must be followed when adding SUPRA-STARTER LIQUID MANGANESE to Ammonium Poly Phosphate (APP) solutions, 11-37-0, 10-34-0 and APP/ nitrogen solution combinations.

1. APP Solution: partially fill tank with APP, add SUPRA-STARTER LIQUID MANGANESE and complete filling process.
2. APP/Nitrogen Solutions: always add SUPRA-STARTER LIQUID MANGANESE direct to APP solution followed by nitrogen solution. Minimum agitation is suggested for thorough distribution.

RECOMMENDED RATES

The optimum rate and timing of application will depend on local conditions and should always be made as a result of soil and/or plant tissue analysis in consultation with your local agricultural authorities. In the absence of test results, use the following as a guide:
Broadcast:

Severe Deficiency	4-6 qts. per acre
Moderate Deficiency	2-4 qts. per acre
Maintenance	1-2 qts per acre

In-Row Starter/No Till: Use at the rate of 2 qts. per acre in a 2" X 2" in-furrow placement or banded over the row at planting.

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 a 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 procedures approved by state or local authorities. **CONDITIONS OF SALE:** Big Bend Agri-Services (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 instruction, 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, 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.**

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