

# 13-00-00

## Liquid Zinc Micronutrient Fertilizer

Contains: 15.0 Zinc

### MINIMUM GUARANTEED ANALYSIS

Total Nitrogen (N)..... 13.00%  
13.00% Ammoniacal Nitrogen

Zinc (Zn) ..... 15.00%

DERIVED FROM: Zinc Chloride, Anhydrous Ammonia and Zinc Sulfate.

### GENERAL RECOMMENDATIONS

**Application:** For Corn, Soybeans, Sorghum, Cotton and other filed crops that have a medium to high response to zinc.

Zinc Soil Test Range	Plant Condition	Starter (Product Amount Per Acre)	Broadcast
Very Low	Server deficiency	1-1/2 to 3 qts.	3 to 4-1/2 qts.
Low	Mild deficiency	3/4 to 1-1/2 qts.	1-1/2 to 2-1/4 qts.
Medium	Slight deficiency	3/4 qt.	3/4 to 1 qts.
High	Maintenance Only	3/4 pint	3/4 pint

### Mixing Instructions

Mixing with UAN solutions: Liquid Zinc 15 may be mixed in any ratio with 28% or 32% urea ammonium nitrate (UAN)solutions.

Mixing with NPK solutions: Generally, no more than one gallon of Liquid Zinc 15 should be added to 15 gallons of clear liquid mixed fertilizers such as 7-21-7, 10-34-0 or 11-37-0.

**Do not mix with liquid fertilizers high in orthophosphate.**

Product Weight Per Gallon: 10.83 lbs.

This product is a commercial fertilizer used in agricultural crop production. Use in accordance with recommendations of a qualified individual or institution such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan.

## Bulk

### GENERAL INFORMATION

Liquid zinc micronutrient fertilizer 13-00-00/15Zn is a clear liquid fertilizer containing 13% nitrogen and 15% zinc. Liquid zinc is intended for soil application for crops requiring zinc. Liquid zinc is designed to be mixed with liquid polyphosphate fertilizer, UAN solutions and aqua ammonia.

### Amount of Liquid Zinc to add to Liquid Fertilizer

% Actual Zinc Desired	Amount of Zinc to add per ton of liquid fertilizer	Amount of Zinc to add per 100 gallons of liquid fertilizer
0.05%	0.62 gallons (6.67 lbs)	0.34 gallons (3.67 lbs)
0.10%	1.24 gallons (13.34 lbs)	0.68 gallons (7.34 lbs)
0.20%	2.47 gallons (26.68 lbs)	1.36 gallons (14.67 lbs)
0.30%	3.71 gallons (40.00 lbs)	2.04 gallons (22.00 lbs)

Add desired amount of liquid zinc, agitate until thoroughly mixed. It is recommended that a "jar test" be performed prior to actual mixing large quantities to insure compatibility.

Consideration for timing, rate, and placement are important for best results. Application rates vary depending on crop need for zinc and soil fertility levels.

This product may be stored in carbon steel or cast iron tanks, poly, fiberglass or stainless steel are recommended due to there resistance to corrosion and abrasion

### FIRST AID

**IF INHALED:** Move to fresh air. Give artificial respiration if needed. Seek medical attention if irritation persists.

**IF SWALLOWED:** Give a large amount of water to drink. Induce vomiting and immediately call a physician or poison control center for further treatment advice. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF IN EYES:** Flush eyes with water for at least 15 minutes, holding eyelids open. Call a physician if irritation develops or persists.

**IF ON SKIN:** Remove contaminated clothing and wash affected areas with soap and water. If irritation develops or persists, seek medical attention.

### CAUTION

May be harmful if swallowed, inhaled, or absorbed through the skin. May cause eye irritation. Avoid breathing spray mist. Avoid contact with skin, eyes, and clothing. **KEEP OUT OF REACH OF CHILDREN.**

Product No: LC130000

luction No: Sample Label



### STORAGE, HANDLING AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **Storage:** Store mini-bulks and small containers out of direct sunlight in an area of moderate temperature. Do not store where children or animals may gain access. **Handling:** Avoid containers, piping or fittings made of copper-containing alloys or galvanized metal. **Container Disposal:** Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

### IMPORTANT: READ BEFORE USE

Read the Warranty Disclaimer and Limitation of Liability before using this product. By using this product, user or buyer accepts the following Warranty Disclaimer and Limitation of Liability.

**LIMITS OF WARRANTY:** MEARS FERTILIZER, INC. and seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purpose stated on such label only when used in accordance with the directions under normal use conditions. Except as specifically stated below, NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED, ARE MADE WITH RESPECT TO THE PRODUCT OR ITS USE, AND NO AGENT OF THE MANUFACTURER OR OF THE SELLER IS AUTHORIZED TO DO SO.

Buyer and user of this product assume all responsibility for handling, storage and use not in accordance with directions. It is impossible to eliminate all risks inherently associated with the use of the product. Plant injury, ineffectiveness, or other unintended consequences 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 manufacturer's and seller's control. In no case shall the manufacturer or seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

**In the event of an emergency: Notify ChemTrec Toll Free at (800) 424-9300.**

For a (Material) Safety Data Sheet on this product please contact the seller or Mears Fertilizer, Inc. at msdsrequest@mearsin.com.

**Distributed and Guaranteed By:**  
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