

# Nulex<sup>®</sup> Liquid Zinc 20

## GUARANTEED ANALYSIS

Total Nitrogen (N).....	16.00%
16.00% Ammoniacal Nitrogen	
Zinc (Zn).....	20.00%
Derived from Zinc Chloride, Anhydrous Ammonia and Zinc Sulfate	

## PROPERTIES

Specific Gravity .....	1.366
Weight per gallon .....	11.39 lb
Weight per quart.....	2.85 lb
Pounds of Elemental Zinc (Zn) per gallon .....	2.2
Equilibrium Temperature .....	0°F
Gallons per ton .....	175.6
pH .....	10.7

## GENERAL INFORMATION

This product is intended for use in mixing or blending with other fertilizer materials, to produce fertilizers whose total primary nutrient content guarantees equal or exceed 24%. **NULEX Liquid Zinc** is noncorrosive to mild steel. **NULEX** is designed to be mixed with liquid polyphosphate fertilizers and 32% or 28% nitrogen solutions and aqua ammonia. **NULEX** can be mixed in any proportion with nitrogen solutions. However, generally no more than one gallon of **NULEX** should be added to fifteen gallons of clear liquid mixed fertilizers such as 7-21-7, 6-18-6, 10-34-0, or 11-37-0. Always test for compatibility with specific fertilizers, insecticides and herbicides. **NULEX** by itself should not be applied directly to the seed.

## MIXING INSTRUCTIONS

Add desired amount of **NULEX Liquid Zinc** to liquid fertilizer and thoroughly agitate to obtain a good mixture.

### -AMOUNT TO ADD- (to Liquid Fertilizers)

%Actual Zinc (Zn) Desired	Approximate Amount of NULEX Add Per Ton	Approximate Amount of NULEX to Add to 100 Gallons of Liquid Fertilizer (Assume 11.0 lbs per Gallon)	
		gallons	(lbs)
0.05%	0.44 gallons (5.0 lbs)	0.24 gallons	(2.75 lbs)
0.10%	0.88 gallons (10.0 lbs)	0.48 gallons	(5.5 lbs)
0.20%	1.76 gallons (20.0 lbs)	0.97 gallons	(11.0 lbs)
0.30%	2.64 gallons (30.0 lbs)	1.46 gallons	(16.5 lbs)

Follow precautions listed under "General Information" when mixing with mixed liquid fertilizers.

### -GENERAL RECOMMENDATIONS- (Field Crops)

(Corn, Soybeans, Sorghum, Cotton)

Zinc Soil Test Range	Plant Condition	Amount of NULEX Per Acre Soil Application	
		STARTER	BROADCAST
Very Low	Severe Deficiency	1 qt. to 2 qts.	2 qts. to 3 qts.
Low	Mild Deficiency	½ qt. to 1 qt.	1 qts. to 1½ qts
Medium	Slight Deficiency	½ qt.	½ qt. to ¾ qt.

## ATTENTION

The supplier warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. This product is sold subject to the understanding that the buyer assumes all risks of use or handling which may result in loss or damage which are beyond the control of the seller, such as, for example: incompatibility with other products; the manner of its use or application; or the presence of other products or materials in, or on the soil or crop. Supplier makes no other express or implied warranty of fitness or merchantability. The exclusive remedy of the user or buyer, and the limit of the liability of the supplier, or any other seller, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or buyer for the quantity of this product involved. The buyer and all users are deemed to have accepted the terms of this notice, which may not be varied by any verbal or written agreement.

## WARNING

**VAPOR INHALATION** may cause irritation of the eyes, respiratory tract and skin. It may cause tearing of the eyes, runny nose, coughing or chest pain.

**EYE CONTACT WITH LIQUID** may cause severe irritation or corneal injury.

**SKIN CONTACT WITH LIQUID** may result in irritation or dermatitis.

**FIRST AID:** For eye and skin contact, flush thoroughly for 15-30 minutes with water. Call a physician if irritation occurs. For vapor inhalation, remove to fresh air, administer artificial respiration if not breathing, get medical attention if having difficulty breathing. If ingested, call poison control or physician and follow their instructions.

**SEE MSDS FOR ADDITIONAL INFORMATION.**

**PERSONAL PROTECTION:** Use with adequate ventilation. Use rubber gloves and chemical goggles when handling. If respirator is needed, wear a NIOSH approved unit with ammonia cartridge. For large exposures, use a self-contained breathing apparatus.

**CAUTION TO WELDERS:** Do not cut, grind or drill on vessels containing this material. Vessels must be empty, clean and tested for explosivity prior to use.

**IN CASE OF SPILL OR LEAK:** For small leaks, wear gloves, goggles and rubber apron to cleanup. Large, uncontrolled releases could be handled by personnel trained to respond. Dispose in accordance with Federal, State and Local regulations.

**STORAGE AND HANDLING:** Store in cool, dry, well-ventilated area. Keep away from incompatible materials. Strong acids, aluminum, bronze, brass, copper alloys, buna N, natural rubber and polycarbonate are not compatible with this material.

**NFPA HAZARD RATING:** 2,0,0

## DOT SHIPPING INFORMATION



**RQ, Environmentally Hazardous Substances, Liquid, N. O. S. (Contains Zinc Chloride, Ammonia, and Zinc Sulfate), UN 3082, PGIII, Class 9, DOT ERG #31, RQ 2300 lbs/1044 Kg.**

**In the event of an emergency:  
NOTIFY CHEMTREC TOLL FREE  
800-424-9300**

Manufactured only by

**NULEX<sup>®</sup>, INC.**

1919 Grand Avenue • Sioux City, IA 51106-5708

Phone: 800-831-4815 • Fax: 712-279-1946

**www.Nulex.com**