

12-00-00

Ammonium ThioSulfate Solution

Contains: 26.0 Sulfur

MINIMUM GUARANTEED ANALYSIS

Total Nitrogen (N).....	12.00%
12.00% Ammoniacal Nitrogen	
Sulfur (S)	26.00%

DERIVED FROM: Ammonium Thiosulfate.

GENERAL APPLICATION RECOMMENDATIONS

Row and Vegetable Crops (starter fertilizer): Apply 12-0-0 as a band application 2 inches to the side and 2 inches below the seed row at 1 to 3 gallons per acre by itself or in combination with other liquid fertilizers.

Row and Vegetable Crops (sidedress): Inject 6 to 12 gallons of 12-0-0 per acre to meet the crop's sulfur requirement. If injection applications are made close to the row (less than 12 inches), reduce application rate by half (3 to 6 gallons per acre). Avoid root pruning. For preplant soil injection application, Do Not apply 12-0-0 where it will be in direct seed contact.

Pastures and Small Grains Only: Apply 12-0-0 along with nitrogen solutions (UAN) to provide adequate sulfur nutrition. For every 5 to 7 pounds of nitrogen apply 1 pound of sulfur. Application on small grains should be done before jointing.

Alfalfa: Apply 5 to 15 gallons of 12-0-0 with a round sprayer immediately after a cutting or during dormancy before regrowth has occurred.

Product Weight Per Gallon: 11.04 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

12-0-0 is a neutral to slightly basic, clear liquid fertilizer solution, containing 12% nitrogen and 26% sulfur. Each gallon of 12-0-0 contains 1.32 pounds of nitrogen and 2.87 pounds of sulfur. Nitrogen and sulfur are important components of proteins. Sulfur deficiency may affect the plant's ability to utilize nitrogen for protein synthesis. For best management practices and utilization of nitrogen and sulfur, apply 12-0-0 with enough UAN solution or aqua ammonia to make an N: S ratio of 5:1. Plant tissue analysis is recommended to determine crop's sulfur need.

Most crops need between 20 and 50 pounds of sulfur (8 to 18 gallons of 12-0-0) per acre per year depending upon local growing conditions, soil type, fertilizer placement, crop and yield potential. For best results, follow soil and plant tissue analysis guidelines on sulfur nutrition for crops in your area.

Conventional agricultural equipment should be used for application. Methods of application: broadcast, side dress and banding. 12-0-0 is compatible with N solutions and complete (N-P-K) liquid blends, which are neutral to slightly acid in reaction. In addition to its wide adaptability for use in clear liquid blends, it is also well suited for use in suspensions. 12-0-0 cannot be used with acidic (pH <6.0) materials. It is recommended that a "jar test" be performed prior to actual application to insure compatibility.

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: LC120000

Production 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@mearsinc.com.

Distributed and Guaranteed By:
Mears Fertilizer, Inc. | P.O. Box 1271 | 629 North Industrial Road | El Dorado, KS 67042 | Phone: (800) 345-9143

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