

28-00-00

Agricultural Nitrogen Solution Fertilizer

Contains: 5.0 Sulfur

MINIMUM GUARANTEED ANALYSIS

Total Nitrogen (N).....	28.00%
2.32% Ammoniacal Nitrogen	
12.84% Nitrate Nitrogen	
12.84% Urea Nitrogen	
Sulfur (S)	5.00%

DERIVED FROM: Urea Ammonium Nitrate and Ammonium Thiosulfate.

APPLICATION RATES

Rate of Product To Achieve Your Desired Analysis

Lbs. of Nitrogen Desired / Acre	Pounds of Product / Acre	Gallons of Product / Acre
10	35.71 Lbs.	3.23 Gallons
20	71.43 Lbs.	6.47 Gallons
30	107.14 Lbs.	9.70 Gallons
40	142.86 Lbs.	12.94 Gallons
50	178.57 Lbs.	16.17 Gallons
60	214.29 Lbs.	19.41 Gallons
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

28-0-0/5S is a clear liquid fertilizer containing 28% nitrogen and 5% Sulfur. The nitrogen is composed of urea and ammonium nitrate. Approximately one-half of the N is from urea, and one-half is from ammonium nitrate. The nitrate portion is immediately available as soon as it reaches the root zone. The urea portion moves freely with the soil water until it is hydrolyzed by the urease enzyme forming ammoniacal nitrogen. After the hydrolysis of urea three-quarters of the total nitrogen is ammoniacal nitrogen and it is held to the clay particles in the soil and not subject to leaching. This ammoniacal nitrogen is available to plants. Ammoniacal nitrogen is converted to nitrate by soil organisms, usually within a few weeks after application.

Conventional agricultural equipment should be used for application. Methods of application: injection beneath the soil surface, broadcast, banding, added to irrigation water, or sprayed onto plant leaves as a source of foliar nutrition. However, 28-00-00/5S may damage foliage if sprayed directly on some plants, so dilution with water may be needed.

This product is compatible with most liquid fertilizer and pesticide mixes at manufacturers' specified label rates. However, 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: LB280000M

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.

Manufactured & 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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