

# Ammonium Sulfate Solution 8-0-0-9

## - GUARANTEED ANALYSIS -

Total Nitrogen (N) .....	8.0%
8% Ammoniacal Nitrogen	
Available Sulfur (S) .....	9.0%

Derived from ammonium sulfate  
(NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, water.

## - PROPERTIES -

Specific Gravity .....	1.216
Weight per gallon .....	10.14
Gallons per ton.....	197.2
Equilibrium temp .....	5°F

## GENERAL INFORMATION

Each gallon contains 3.75 pounds of ammonium sulfate. Ammonium Sulfate Solution 8-0-0-9 is a 37% solution of ammonium sulfate and water designed to increase herbicide performance as a water conditioner and supply sulfur for crops. Calcium, magnesium and other minerals found in hard water can tie up the herbicide and interfere with plant uptake. Adding Ammonium Sulfate Solution 8-0-0-9 reacts with these hard water minerals allowing the herbicide to remain in solution to enhance absorption by the plant. Adding Ammonium Sulfate Solution to herbicide sprays decreases the antagonism of dissolved calcium and glyphosate molecules. It also increases absorption through the leaf cuticle.

## DIRECTIONS FOR USE - FOLIAR APPLICATION

4.5 gallons of Ammonium Sulfate Solution Solution 8-0-0-9 is equal to 17 pounds of ammonium sulfate. 2.25 – 4.5 gallons of Ammonium Sulfate Solution 8-0-0-9 per 100 gallons spray solution equates to 8.5 – 17 lbs. diammonium sulfate solution (AMS) per 100 gallons.

Follow postemergence herbicide label for specific rate recommendations and mixing instructions. Always use precautionary measures such as the required use of masks and goggles.

Ammonium Sulfate Solution 8-0-0-9 is also recommended when target weeds are suffering from heat or drought stress, or cooler wet/waterlogged conditions.

## DIRECTIONS FOR USE - SOIL APPLICATION

Apply according to soil test requirement for Sulfur (S). Conditions likely to respond include soils having CEC <8, organic matter <2%, well drained, and no manure.

## MIXING INSTRUCTIONS

1. Partially fill tank with water or fertilizer and start agitation.
2. Add Ammonium Sulfate Solution 8-0-0-9 to circulating tank mix while filling with water.
3. Add dry flowable and dispersable granule pesticides if compatible.
4. Add emulsifiable concentrates.
5. Add additional adjuvants as required
6. Fill tank and agitate thoroughly.

**ATTENTION:** Always check compatibility with other products prior to use. Since weather, crops, soil and other conditions may vary, Nutra-Flo Company and/or the Seller make no warranty of any kind, expressed or implied concerning the use of this product. Directions for use are believed to be reliable. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

**WARNING: IRRITANT** – Keep out of the reach of children; eye, skin, respiratory, and gastric irritant. NFPA 704 Hazard Rating: Health; 2, Flammability; 0, Reactivity; 1.

**Personal protection:** Use with adequate ventilation. Use chemical resistant gloves, chemical safety goggles, and appropriate body protection when handling this product.

**Routes of Exposure:** Eyes – Material is moderately irritating to the eyes. Skin – exposure may cause redness and irritation. Inhalation – Vapor inhalation may cause irritation to the mucous membranes, shortness or breath, asthma attack, or lung congestion. Ingestion – may cause nausea, vomiting, diarrhea, stomach pain, or sore throat.

**First Aid:** Eyes – Flush for 15-30 minutes with water. Seek Medical Attention Skin – Remove contaminated clothing and jewelry. Wash with soap and water until chemical is removed. Wash contaminated clothing before reuse. Get medical attention if irritation persists. Inhalation – Move to fresh air and get medical attention if breathing is difficult. Give rescue breathing if needed. Ingestion – CALL POISON CONTROL and follow their instructions.

**Spill or leak:** Contain spill and recover material. Keep material out of sewers and waterways. Material is moderately toxic to aquatic life. Dispose of unusable material in accordance with all federal, state, and local regulations.

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