



# SULFUR

Secondary Macronutrient

## Guaranteed Analysis

**8-0-0**

Total Nitrogen (N).....	8.00%
8.00% Ammoniacal Nitrogen	
Sulfur (S) .....	10.00%
10.00% Combined Sulfur (S)	

### Derived From:

Ammonium Sulfate.

### Also Contains Non-Plant Food Ingredient:

0.1% Organic Matter (derived from leonardite)

### Physical Properties:

Form: Liquid

Appearance: Clear to slightly hazy, pale amber, having a unique characteristic odor.

Weight: 10.35 lb/gal, 1.20 kg/L

pH: 0.5–1.5

### Caution:

**Keep out of reach of children.**

**Harmful if swallowed. Ingestion of this product may cause severe gastrointestinal irritation and central nervous system effects.**

**The liquid and mists may cause severe irritation or burns to the eyes and skin. Inhalation of mists may be severely irritating or corrosive to the entire respiratory tract.**

### Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

### Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

## The Solution for Improved Sulfur Nutrition in Plants

Huma Gro® SULFUR carbon-complexed with Micro Carbon Technology® enables sulfur nutrient absorption by the plant. Sulfur is a major nutrient involved in respiration, photosynthesis, amino acid metabolism, plant growth, and vigor.

### Benefits of Use:

- Improves plant respiration
- Increases photosynthetic rates
- Plays a key role in Ferredoxin, a protein involved in electron transfer
- Is involved in the formation of amino acids such as Cystine and Methionine, which are used to form protein
- Plays an important role in carbohydrate and lipid metabolism
- Sulfur deficiencies have been known to increase incidence of certain plant diseases

### Deficiency Symptoms—When to Apply:

- Chlorosis in leaves from sulfur or nitrogen deficiency
- Stunted growth
- Reduced protein formation
- Crops sensitive to diseases

### Application Instructions:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. Applications can be made as often as every 7 to 10 days, as needed. See table below for specific rate instructions. Consult your local Huma Gro® representative or other agricultural specialist for crop-specific recommendations. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	SUGGESTED RATE Field Crops / Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 quart/acre, 2.5 liters/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare
Soil banded or injected, through drip tape or micro sprinklers	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 gallon/acre, 10 liters/hectare	Up to 2 gallons/acre, 20 liters/hectare



Powered by  
**MICRO CARBON  
TECHNOLOGY**

*\*This Product Contains Micro Carbon Technology®, a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*