

SHAKE WELL BEFORE USING

# AMINOSOL™

## 18-3-4

**KEEP OUT OF REACH OF CHILDREN HARMFUL IF SWALLOWED  
AVOID CONTACT WITH SKIN, EYES OR CLOTHING.**

In case of contact immediately flush skin, eyes or clothing with plenty of water for at least 15 minutes.

### GENERAL INFORMATION

The manipulation of NPK ratios can effect plant development in order to achieve desired plant growth characteristics. The manipulation of amino acid and organic acid ratios in combination with NPK ratios will synergistically influence plant growth.

**AMINOSOL** solutions maximize plant health under various environmental and cultural growing conditions by utilizing unique **condition specific** amino and organic acid compounds to amplify the effects of NPK sources and NPK ratios.

**AMINOSOL** solutions utilize patented IDS chelated micronutrients to influence desired plant growth characteristics best suited to benefit the plant during variable growing conditions.

### PRODUCT DESCRIPTION:

**AMINOSOL 18-3-4** is specifically formulated for turf grass color. It contains unique IDS chelating technology that gives rapid uptake of micronutrients such as iron and manganese that will give rapid color.

**AMINOSOL 18-3-4** also contains 50% slow release nitrogen that helps to keep the turf color without producing excessive growth.

**AMINOSOL 18-3-4** contains organic and amino acids specifically blended to enhance plant metabolism micronutrient uptake and utilization.

**WARRANTY:** Since weather, turf, soil and other conditions may vary, **SIGMA ORGANICS INC.**, and/or the Seller make no warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions.

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### GUARANTEED ANALYSIS

Total Nitrogen (N).....	18.0 %
10.0 % Slowly Available Water Soluble Nitrogen	
0.2 % Nitrate Nitrogen	
0.5 % Ammoniacal Nitrogen	
7.3 % Urea Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> ).....	3.0 %
Soluble Potash (K <sub>2</sub> O).....	4.0 %
Iron (Fe) .....	1.0 %
Manganese (Mn) .....	0.1 %
Zinc (Zn) .....	0.1 %
Boron (B) .....	0.02 %

Derived From: potassium nitrate, urea, methylene urea, dimethylene urea, potassium hydroxide, Monopotassium phosphate, iron IDS, manganese EDTA, zinc IDS, and boric acid.

### APPLICATION RECOMMENDATIONS:

**AMINOSOL 18-3-4** is intended to supplement a normal fertility program and is not intended to be the soul source of plant fertility.

**AMINOSOL 18-3-4** can be applied throughout the growing season beginning in early spring and continuing through fall.

#### **Cool Season Turf:**

Maintenance applications: 3 to 6 oz. per 1,000 sq. ft. foliar applied in max 50 gallon water per acre every two weeks.

#### **Warm Season Turf:**

Maintenance applications: 6 to 8 oz. per 1,000 sq. ft. foliar applied in max 50 gallon water per acre every two weeks.

#### **Ornamentals:**

Maintenance applications: 1 to 3 oz. per gallon water foliar applied every two weeks -- or root drench 6 to 8 oz per gallon of water every 3 to 6 months as needed.

**TANK MIXES:** Do not mix with pesticides or other chemicals without a compatibility test.

**WEIGHT PER GALLON: 10.5 POUNDS**  
**Net Contents 2.5 gal. Net Weight 26.3 lbs**