

# Technical Bulletin

## RSA Liqui-Phos 8-32-5

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### Introduction

RSA LIQUI-PHOS is a liquid fertilizer developed for applications directly to plant foliage to correct nutrient deficiencies and maintain healthy growth. RSA LIQUI-PHOS is recommended for all field, row, vegetable, fruit tree, and vine crops.

When combined with an adequate soil phosphorus program, a foliar application of RSA LIQUI-PHOS at the correct time may increase yields and crop quality. RSA LIQUI-PHOS can also be applied to the soil in a band, as a side-dress, and as a starter fertilizer.

RSA LIQUI-PHOS is a high phosphate formulation that contains micronutrients and humic acid. The humic acids are a concentrated extract from leonardite ore. The phosphorus contained in RSA LIQUI-PHOS is a combination of ortho and poly phosphate. Orthophosphate is immediately available to the plant and the polyphosphate portion becomes available over time.

### Crops Labeled

**Berries:** blackberry, blueberry, raspberry, strawberry

**Nut Crops:** almond, pistachio, walnut and others

**Tree and Fruit Crops:** apple, avocado grape, cherry, citrus, stone fruits, cucurbits.

**Vegetables:** beets, broccoli, cabbage, carrot, cauliflower, garlic, onions, peppers, potato (inc. sweet), spinach, lettuce, tomato and others.



### Use Rates and Timing

RSA LIQUI-PHOS is most often recommended at 2 to 3 quarts per acre. Dilute RSA LIQUI-PHOS with at least 50 times of water and apply to foliage as recommended by label. Use recommended amounts of RSA LIQUI-PHOS in at least 5 gallons of spray solution per acre for aerial equipment and/or 20 gallons of the final spray solution for ground application equipment.

### Precautions

A wetting agent or spreader should be used when applying RSA LIQUI-PHOS as a foliar spray. Avoid foliar applications when plants are under moisture stress. Immediate post-irrigation or post-rainfall applications give the best foliar uptake of nutrients. Avoid periods of high temperatures or low humidity.

Product separation may occur over time in storage. Always shake well prior to use. RSA LIQUI-PHOS is compatible with most pesticides and liquid fertilizers except those with a low pH.



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### Contents

#### GUARANTEED ANALYSIS

##### 8-32-5

Total Nitrogen (N).....	8.00%
8.00% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	32.00%
Soluble Potash (K <sub>2</sub> O).....	5.00%
Iron (Fe).....	0.10%
0.10% Chelated Iron	
Zinc (Zn).....	0.05%
0.05% Chelated Zinc	
Chlorine not more than	1%

Derived from: ammonium phosphate, phosphoric acid, potassium phosphate, iron and zinc EDTA. Also contains NON-PLANT FOOD INGREDIENTS. 0.30% humic acids derived from leonardite.

### Technical Specifications

<b>Product class</b>	fertilizer
<b>Formulation</b>	liquid
<b>Weight/ gallon</b>	12.1 pounds
<b>Specific gravity</b>	1.46
<b>pH</b>	5.5-6.5
<b>Salt out temperature</b>	28°F
<b>Solubility in water</b>	miscible
<b>Appearance</b>	brown
<b>Odor</b>	odorless
<b>Min. storage temp.</b>	32°F
<b>Container size</b>	2 x 2.5 gallons or 270 gallons

**This bulletin provides some technical information and is not intended to give complete information for all applications. Always read and follow label directions.**

Liqui-phos is manufactured for RSA MicroTech, LLC.

