

Technical Bulletin

RSA LMW Humic Acid

RSA MicroTech
P.O. Box 39, Marysville, WA 98270
1.800.426.5969 www.rsamicrotech.com

Introduction

Fulvic acid is a low molecular humic acid that is soluble in both acid and alkaline solutions. There is evidence that all humic compounds, especially low molecular weight (LMW) humic acids commonly called fulvic acid, are excellent natural complexing agents and cation exchangers.

Specially Formulated

RSA Humitech™ LMW Humic Acid contains the humic acid fraction that is soluble in both alkaline and acid systems. **RSA Humitech™ LMW Humic Acid** has a *slightly acidic pH*. It can be mixed with most liquid fertilizers including ATS, KTS, Calcium, micronutrients, 10-34-0 and acid based fertilizers (pH > 2.0). **RSA Humitech™ LMW Humic Acid** is extracted from leonardite and composted organic matter. The formulation contains low molecular weight (LMW) humic acids commonly called fulvic acid.

Crops Labeled

Berries: strawberry

Nut Crops: almonds, walnuts and other nut crops

Grain and Other crops: alfalfa, barley, canola, corn, cotton, hops, lentils, mint, rice, sorghum, soybeans, sugar beets, sweet corn, wheat

Vegetables: asparagus, broccoli, cabbage, cauliflower, carrots, celery, lettuce, melons, onions, peas, peppers, potatoes, tomatoes, and turnips

Tree and Fruit Crops: apple, avocados, cherries, citrus, grapes, peaches, plum and other tree fruits



Use Rates and Timing

Apply 1/2 to 2 quarts per acre in a minimum of 10 gallons of water per acre by ground or 3 gallons per acre by air. This product performs best when applied with other



Technical Bulletin

RSA LMW Humic Acid

nutritional products including micronutrients.

Precautions

Do not store below 32°F. Do not allow the product to freeze. Store out of direct sunlight. Keep in a cool location out of reach of children and livestock. Always shake, stir or agitate containers or tanks of **RSA Humitech™ LMW Humic Acid** just prior to usage. **RSA Humitech™ LMW Humic Acid** is compatible with most pesticides, fertilizers, herbicides and defoliants except selective herbicides. Determine compatibility with a jar test before mixing products and/or consult pesticide representative.

Contents

Guaranteed Analysis
0-0-0

Contains Non-Plant Food Ingredients

Humic Acids 0.05%
Derived from: Leonardite and composted organic matter

Arsenic (As).....<5 ppm
Cadmium (Cd).....<5 ppm
Lead (Pb).....<5 ppm

Technical Specifications

Product class fertilizer
Formulation liquid
Weight/ gallon 8.6 pounds
Specific gravity 1.03

pH	2-4
Solubility in water	miscible
Appearance	light yellow liquid
Odor	odorless
Min. storage temp.	32°F
Container size	bulk 270 gallon mini-bulks 2 x 2.5 gallon package

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

Humitech is a registered trademark of RSA MicroTech.

