

Technical Bulletin

RSA Buffet™ 0-10-0

RSA MicroTech
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Introduction

RSA Buffet™ 0-10-0 is recommended as a foliar nutrient spray that may also be used to provide pH control in spray solution. RSA Buffet™ 0-10-0 should be used as a supplement to normal fertility programs.

RSA Buffet™ 0-10-0 is made from 100% ortho-phosphoric acid of the highest quality. Only phosphoric acid which has the same specification as food grade is used to make this product. This means that all the phosphorus is immediately available to the plant and is also of the highest quality. RSA Buffet™ 0-10-0 can be used as routine nutrient spray in all applications that desire that final pH of less than 7.0. The formulation is also a light blue color which makes it easier to see when mixing.

Benefits

RSA Buffet™ 0-10-0 is:

- a specialty foliar nutrient phosphate buffer containing for use in stabilizing the pH of spray solution
- designed for use with most pesticides including acaricides, fungicides, insecticides, and herbicides
- designed to help prevent alkaline hydrolysis of sensitive pesticides
- economical and is safe to use when applied as recommended.

Crops Labeled

RSA Buffet™ 0-10-0 is approved for all crops including but not limited to fruit trees, nut trees, citrus, grapes, vegetables, and ornamentals.



Use Rates and Timing

Normal use rate for RSA Buffet™ 0-10-0 is from 1/2 to 2 quarts per 100 gallons of spray solution.

The table listed below is a guide only. Water high in dissolved solids or that contains a significant amount of alkaline earth carbonates and/or hydroxides may require more RSA Buffet™ 0-10-0 to reach the desired pH. As water qualities differ, always check your final pH prior to application. Always jar test with any new mixes prior to combining them in a spray tank.

Amount of RSA Buffet™ 0-10-0 to add.	
<u>Fl oz/ 100 gallon</u>	<u>Final pH</u>
4	6.9
8	6.4
16	3.2
32	2.8

Initial pH of 8.0.

Precautions

This product is acidic and may be injurious to eyes and skin. In case of contact with eyes and/or skin, immediately flush with



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plenty of water and seek medical attention. Do not store below 32⁰F. Store it out of direct sunlight. Keep in a cool location out of reach of children and livestock.

RSA Buffet™ 0-10-0 and concentrated solutions may be corrosive to tanks, pumps, meters and fittings. Store RSA Buffet™ 0-10-0 in stainless steel or polyethylene tanks with stainless steel or polyethylene fittings. Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations. Dilute RSA Buffet™ 0-10-0 with water prior to mixing with other nutrients or agrichemicals.

Contents

GUARANTEED ANALYSIS

0-10-0

Available Phosphate (P₂O₅) 10.0%
Derived from phosphoric acid.

Technical Specifications

Product class	fertilizer
Shipping Info	
For package size = 2.5 gallons: Corrosive liquids, n.o.s. (Contains Phosphoric Acid), 8, UN1760 PGIII	
Formulation	liquid
Weight/ gallon	9.1 pounds
Specific gravity	1.09
pH	1-2
Solubility in water	miscible
Appearance	clear-light blue
Odor	odorless
Min. storage temp.	32°F
Container size	4 X 1 gal 2 x 2.5 gallons

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

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