



# FERTI-BUFF

## 0-8-0 Acidifier

**GENERAL USE INFORMATION – READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

### GENERAL INFORMATION

FERTI-BUFF 0-8-0 is an acidifier for use with agrichemicals. FERTI-BUFF 0-8-0 is especially useful for reducing hydrolytic breakdown of various pesticides, such as organophosphate insecticides, in alkaline solutions.

### COMPATIBILITY

FERTI-BUFF 0-8-0 is compatible with phosphate carbamate and chlorinated hydrocarbon insecticides. Use care when combining with copper fungicides since this product may cause plant injury. **DO NOT COMBINE WITH 2, 4-D, FORMULATION**, as a precipitate may form and herbicidal activity be reduced. If any question of compatibility arises, a small test batch should be made prior to full batch mixing. **NOTE:** Bait products may be less effective when mixing with FERTI-BUFF 0-8-0.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH CAUTIONS AND DIRECTIONS.**

### DIRECTIONS FOR USE

**CONSULT YOUR LOCAL FERTIZONA REPRESENTATIVE OR OTHER AGRICULTURAL SPECIALIST FOR SPECIFIC CROP RECOMMENDATIONS.**

Read and follow the precautions, restrictions, and recommendations on the labels of pesticides used with FERTI-BUFF 0-8-0. Use according to the most restrictive label directions for each product in any tank mixture. **COMPATIBILITY:** FERTI-BUFF 0-8-0 is compatible with most pesticides. However, if the desired combination has not been previously used, a compatibility test is recommended.

**MIXING:** Fill spray tank ½ full of water and begin agitation. Add FERTI-BUFF 0-8-0 and mix thoroughly. Add pesticides as directed by label or in the following sequence: (1) Dry flowables or water dispersible granules, (2) Wettable powders, (3) Flowables, (4) Solutions, (5) Emulsifiable Concentrates. Continue agitation while completely filling spray tank.

**RECOMMENDATIONS:** Specific use rates will vary with conditions of application such as water hardness, application method, equipment, spray droplet size, condition of foliage, etc. Use enough FERTI-BUFF 0-8-0 to achieve the desired level of acidulation and buffering.

Use ½ to 2 qts. FERTI-BUFF 0-8-0 per 100 gallons to reduce the pH of alkaline waters for pesticide applications.

Concentration:	1 pt./100 gal.	1 pt./300 gal.	1 pt./500 gal.
pH:	6.3	6.7	7.0

**DO NOT OVER-APPLY.** Dosage rates or concentrations higher than suggested can cause slight burning of foliage of susceptible crops.

**CAUTION:** Tank mixtures of FERTI-BUFF 0-8-0 with copper-based products can be phytotoxic due to increased solubility of copper.

Distributed By:

**FERTILIZER COMPANY OF ARIZONA, INC.**

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### PRINCIPAL FUNCTIONING AGENTS:

Phosphoric Acid..... 8%  
Constituents Ineffective as spray adjuvant.... 92%  
Total ..... 100%  
Phosphate derived from phosphoric acid.

*SDS available upon request.*

### NET WEIGHT:

**10.3 lbs. per gal.**

**Freezing Temperature 40° F**

1 gal. (3.785 L), 10.3 lbs. (4.672 Kg)

### STORAGE AND DISPOSAL

Do not use aluminum or copper (including brass or bronze) components in any handling or storage equipment for this product. Mild steel components should not be used except for emergency, or temporary, short-term service. Use stainless steel (316 or better), polyolefin (polyethylene, polypropylene, etc.), fiberglass, or other high-quality acid-resistant plastic materials. Check with equipment manufacturer for compatibility of components prior to use with this product.

**STORAGE INSTRUCTIONS:** Store locked up. Store away from incompatible materials. Keep out of reach of children. Keep product in original container. Do not store at temperatures below 40° F. Avoid prolonged storage at temperatures below 20° F. since crystals may form which are difficult to dissolve.

**CONTAINER DISPOSAL:** Dispose of contents/ container in accordance with local/regional/national/international regulations.

**ATTENTION:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



## DANGER

### KEEP OUT OF REACH OF CHILDREN

Causes serious eye damage. Causes skin irritation

### PRECAUTIONARY STATEMENTS

Do not breathe mist, vapor or spray. Wash hands thoroughly after handling. If swallowed: Rinse mouth. Do not induce vomiting. Get medical advice/attention if you feel unwell. If on skin: Take off all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call Poison Control Center or Doctor if you feel unwell.

### ENVIRONMENTAL PRECAUTIONS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

### DANGER/PELIGRO

Si usted no entiende la etiqueta, busque al alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

### FIRST AID

**IF IN EYES:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the lower and upper lids. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention. **IF ON SKIN:** Immediately wash skin with plenty of water while removing all contaminated clothing and shoes. Wash off with soap and water. If irritation persists, call a physician. Wash contaminated clothing and shoes before reuse.

**IF SWALLOWED:** Call a physician or poison control center immediately. Rinse mouth. Drink 2 or 3 glasses of milk or water to dilute the acid. Administer milk of magnesia (approx. 20 mls.) Do not induce vomiting or give anything by mouth to an unconscious person. Do not leave victim unattended. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs and administer fluids repeatedly. Give demulcents, such as milk or beaten eggs at intervals of 1 or 2 hours.

**IF INHALED:** Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, move to fresh air. Call a physician if symptoms develop or persist.

### NOTICE

**READ ENTIRE LABEL BEFORE USE,**

**IF TERMS ARE UNACCEPTABLE RETURN AT ONCE – UNOPENED.**

Fertilizer Company of Arizona, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Fertilizer Company of Arizona, Inc. In no case shall Fertilizer Company of Arizona, Inc. be liable for consequential, special or indirect damages resulting from the use or handling of this product. The buyer shall assume all such risks. Fertilizer Company of Arizona, Inc. makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.