

# Buffer-Ten

ACIDIFIER • DEFOAMING AGENT

CA Reg. No. 17545-50016

## PRINCIPAL FUNCTIONING AGENTS:

Phosphoric acid  
and Polydimethylsiloxane ..... 10.25%  
CONSTITUENTS INEFFECTIVE  
AS SPRAY ADJUVANT: ..... 89.75%  
TOTAL: ..... 100.00%

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

## KEEP OUT OF REACH OF CHILDREN 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:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a Poison Control Center or doctor for treatment advice.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. When mixing or handling concentrate, wear protective eyewear, coveralls worn over long sleeved shirt and long pants, socks, and chemical-resistant footwear, apron and gloves made of any waterproof material. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

## DIRECTIONS FOR USE

BUFFER-TEN is a non-foaming acidifier / defoaming agent for use with various pesticides. It is especially useful for reducing hydrolytic breakdown of products, such as organophosphate insecticides, in alkaline solutions. BUFFER-TEN may be used on agricultural, forestry, turf and ornamental, industrial, structural and non-cropland sites. NOT FOR AQUATIC USE IN WASHINGTON.

Read and follow the precautions, restrictions and recommendations on the labels of pesticides used with BUFFER-TEN. Use according to the most restrictive label directions for each product in any tank mix.

**COMPATIBILITY:** BUFFER-TEN is compatible with most pesticides. However, if the desired combination has not been previously used, a compatibility test is recommended.

**MIXING:** Shake well before using. Fill spray tank ½ full of water and begin agitation. Add the recommended amount of BUFFER-TEN. Add products as directed by label or in the following sequence and continue filling tank: (1) Dry flowables or water dispersible granules, (2) Wettable powders, (3) Flowables, (4) Solutions, (5) Emulsifiable concentrates. Continue agitation until spray solution is completely mixed. Continuous agitation of finished spray is recommended. If spray solution has been allowed to stand, thoroughly agitate and remix before application.

**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 BUFFER-TEN to achieve the desired level of acidulation and buffering.

Use 1/2 to 2 quarts BUFFER-TEN per 100 gallons to reduce the pH of alkaline waters for pesticide applications. When various concentrations of BUFFER-TEN were prepared using a water at an initial pH of 8.0, the following pH values were measured.

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

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

NOTE: Tank mixtures of BUFFER-TEN with copper-based products can be phytotoxic due to increased solubility of copper. Test applications to part of the crop are advisable to assess

potential phytotoxicity before full scale, commercial applications. The following crops are known to be sensitive to foliar applications of copper: broccoli, cabbage, celery, cucurbits, grapes, lettuce, nectarines, peaches, pears, plums, prunes, spinach, and strawberries.

## STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

**STORAGE:** Store in original container away from children, animals, foods, feeds and seeds. Handle in accordance with Precautionary Statements. In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose in accordance with Product Disposal.

**PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state or local ACRC recycler, visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

## CONDITIONS OF SALE AND WARRANTY

Monterey AgResources (MAR) warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. MAR neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, presence of other materials, or other influencing factors, all of which are beyond the control of MAR and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall MAR or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by MAR and is accepted as such by the Buyer.

NET CONTENTS: \_\_\_ GALLONS / \_\_\_ LITERS

Manufactured for:



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