**Constant BUpH-er**

**Acidifier**

WA Reg. No. 71975-08003

**Keep out of reach of children**

CAUTION

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 SWALLOWED: Immediately call a Poison Control Center or doctor. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

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

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

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

**Precautionary statements**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if inhaled. Avoid contact with eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment: Wear long-sleeved shirt and long pants, and shoes plus socks.

ENVIRONMENTAL HAZARDS

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

**Principal functioning agents**

Citic acid and acetic acid

Constituents ineffective as spray adjuvants

Total

Constant BUpH-er is an organic buffer that will safely lower water pH while minimizing the potential for damage to equipment.

Constant BUpH-er has non-foaming properties and contains unique chemicals that can be used with foliar nutrients and crop protection products.

**Not for aquatic use**

**Directions for use**

For use with crop protection products and foliar nutrients. Constant BUpH-er may be used in dilute or concentrate sprays on agricultural, forestry, turf and ornamental, industrial, structural and non-cropland sites.

**Recommendations**

Use 1 to 2 quarts Constant BUpH-er per 100 gallons of finished spray solution to reduce the pH of alkaline waters for applications. When Constant BUpH-er was prepared using tap water at an initial pH of 8.0, the following pH values were measured.

**Concentration**

<table>
<thead>
<tr>
<th>pH</th>
<th>1/2 quart/100 gal</th>
<th>1 quart/100 gal</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0</td>
<td>1/2 quart/100 gal</td>
<td>1 quart/100 gal</td>
</tr>
<tr>
<td>8.0</td>
<td>1/2 quart/100 gal</td>
<td>1 quart/100 gal</td>
</tr>
<tr>
<td>6.0</td>
<td>1/2 quart/100 gal</td>
<td>1 quart/100 gal</td>
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</tbody>
</table>

Specific use rates will vary with the conditions of applications such as water hardness, application method, equipment, spray droplet size, condition of foliage, etc. Use enough Constant BUpH-er to achieve the desired level of buffering. Water pH should be monitored and checked before and after introduction of Constant BUpH-er to ensure desired pH adjustment.

**Compatibility**

Constant BUpH-er is compatible with most pesticides and fertilizers. However, if the desired combination has not been previously used, a compatibility test is recommended. A pH that is higher than 8 will need increasingly more buffer to achieve desired pH levels. A jar test is always recommended to determine the needed requirements.

**Storage and disposal**

Do not contaminate water, food or feed by storage or disposal.

**Storage**

Keep from freezing. Store only in original tightly sealed container and out of reach of children.

**Product disposal**

Washes 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. Recycled decontaminated containers are the best option for 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. Decontaminated containers may also be disposed of in sanitary landfill.

**Condition of sale**

Seller warrants that the product conforms to the chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. Since weather, crop, soil and other conditions may vary, Northwest Agricultural Products, Inc. and/or seller make no warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risk of use handling whether or not in accordance with directions or suggestions to the extent consistent with applicable law.

Net Contents:

<table>
<thead>
<tr>
<th>Amount</th>
<th>Gallon</th>
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<tbody>
<tr>
<td>25</td>
<td>26.5</td>
</tr>
<tr>
<td>55</td>
<td>26.5</td>
</tr>
<tr>
<td>90</td>
<td>26.5</td>
</tr>
<tr>
<td>160</td>
<td>26.5</td>
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Weight per Gallon: 8.70 Lbs @ 20°C