

**Buffer-X<sup>®</sup>****Buffer-X<sup>®</sup>****pH Buffer / Spreader / Activator****Principal Functioning Agents**

Alkylarylpolyoxyethanol, free and combined fatty acids,	
glycol ethers, di-alkyl benzenedicarboxylate, isopropanol.....	74.5%
Constituents ineffective as spray adjuvants.....	25.5%
<b>Total.....</b>	<b>100.0%</b>

*All ingredients are exempt from the requirements of a tolerance as specified in 40 CFR 180.*

**KEEP OUT OF REACH OF CHILDREN****CAUTION****Important**

- Avoid prolonged contact with skin.
- In case of contact, wash with water.
- Causes eye irritation.
- In case of contact with eyes, immediately flush with water for at least 15 minutes and get medical attention.

**First Aid**

**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.

**If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have the 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 to 20 minutes. Call a poison control center or doctor for treatment advice.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**General Information**

Buffer-X is a combined spreader/activator/buffer for increasing the efficiency of various agricultural chemicals and for the effective reduction of pH in aqueous systems.

Buffer-X should be used where quick wetting and uniform coverage of a pesticide is required and buffering of highly alkaline water is desired.

California State Reg. No. 45989-50005-AA

**Directions For Use**

If the pH of water is known, Buffer-X should be added to the water at the following rates prior to the addition of the pesticide.

<u>Water pH</u>	<u>per 100 Gallons</u>
7.0	1/2 to 1 pint
8.0	1 to 2 pints
9.0	2 to 3 pints
10.0	3 to 4 pints

If the pH of water is not known, use of the following minimum and maximum rates is suggested.

**Insecticides on Field Crops:**

1 to 2 pints per 100 gallons of water.

**Herbicides:**

2 to 4 pints per 100 gallons of water.

**Defoliants:**

With organic systemic-type defoliants, 2 to 4 pints per 100 gallons of water.

The pH of the water must be adjusted with Buffer-X prior to the addition of the pesticide, otherwise the pesticide may be irreversibly hydrolyzed.

**Storage and Disposal**

**Storage:** Do not contaminate water, food or feed by storage or disposal of this product.

**Disposal:** Do not reuse empty container. 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 and local ACRC recycler visit [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.*



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**CONDITIONS OF SALE, LIMITED WARRANTY, AND LIMITATIONS OF LIABILITY AND REMEDIES**

Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded. The directions of this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of KALO, Inc., the manufacturer or seller. In addition, failure to follow label directions may cause injury to crops, animals, workers or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind express or implied concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law. The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at KALO, Inc.'s election, one of the following:

1. Refund of the purchase price paid by buyer or user for product purchased,
- or,
2. Replacement of the product used.

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company, the manufacturer and seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.



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