



Acidifier / Penetrant / Surfactant / Drift Control Agent

# AD-BUFF™

## PRINCIPAL FUNCTIONING AGENTS:

Phosphatidylcholine, Propionic Acid and Alkylphenol Ethoxylate.....	81.75%
INERT INGREDIENTS .....	<u>18.25%</u>
<b>TOTAL</b> .....	100.00%

All ingredients are exempt from tolerance requirements under 40 CFR 180

CA Reg. No. 7001-50013



KEEP OUT OF REACH OF CHILDREN

## DANGER

CAUSES SERIOUS EYE DAMAGE.

## PRECAUTIONARY STATEMENTS:

**Personal Protective Equipment:** Wear protective gloves / protective clothing / eye protection / face protection.

<b>FIRST AID:</b>
<b>IF IN EYES:</b> Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison center / doctor.
<b>IF ON SKIN:</b> Wash with plenty of water and call a poison center / doctor if you feel unwell.
<b>IF SWALLOWED:</b> Rinse mouth. Call a poison center / doctor if you feel unwell.
<b>IF INHALED:</b> Remove person to fresh air and keep comfortable for breathing. Call a poison center / doctor if you feel unwell.

## ENVIRONMENTAL HAZARDS:

Do not contaminate water sources by cleaning of equipment or disposal of wash water.

## STORAGE AND DISPOSAL:

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

**Storage:** Store in a corrosive resistant HDPE, stainless steel or polypropylene container with a resistant inner liner. Keep only in original container. Store in a cool well-ventilated place. Do not reuse empty container. For optimal storage, store between 40° and 90°F.

**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 and local ACRC recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers and materials may also be disposed of in a sanitary landfill.

## GENERAL INFORMATION

AD-BUFF is a nonionic low foam surfactant, which may be used with herbicides, insecticides, fungicides, acaricides, defoliants, desiccants, plant growth regulators,



Manufactured for:  
**J.R. SIMPLOT COMPANY**  
P.O. Box 70013, Boise, ID 83707 • (208) 336-2110  
P.O. Box 198, Lathrop, CA 95330





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and foliar nutrients to enhance their effectiveness in the plant. Ground or air applications are applicable. AD-BUFF may be used as an acidifying agent to prevent alkaline hydrolysis. Alkaline sensitive pesticides may be susceptible to pesticide degradation via alkaline hydrolysis or high pH conditions. AD-BUFF also adds surfactant qualities by reducing surface tension which assists in better wetting and spreading, enhancing penetration of the pesticide spray solution into the plant. AD-BUFF produces a uniquely uniform droplet spectrum, resulting in greater deposition and even coverage on targeted plant surface. AD-BUFF also adds drift control properties by reducing driftable fines while improving deposition in pesticide spraying. The decrease in fine droplets can vary with the types of pesticide formulations and application conditions. Good judgment and sound application technology must always be followed when spraying pesticides.

## DIRECTIONS FOR USE

AD-BUFF may be used on assorted crops including row crops, forage crops, vegetables, fruits and stone fruits, citrus, small grains, turf or in non-crops. Refer to pesticide manufacturer's label regarding definite adjuvant use recommendations and usage rates.

*This product can be used on aquatic sites.*

## GENERAL USE

**NOTE:** AD-BUFF is an acidifier and may be physically or chemically incompatible with alkaline/basic spray ingredients.

### Acidifying Agent

> pH 8.0

8 - 16 ounces per

100 gallons of spray solution

### Acidifying Agent

pH 6.5 - 8.0

4 - 8 ounces per

100 gallons of spray solution

**Herbicides, Defoliant, Desiccants:** 1 to 4 pints per 100 gallons of spray mixture when used as a surfactant/penetrant.

**Insecticides, Fungicides, Acaracides, Plant Growth Regulators, Foliar Nutrients:** 1/2 to 2 pints per 100 gallons of spray mixture.

**Turf, Ornamental and Industrial Spraying:** 1 to 4 pints per 100 gallons (1 to 3 fluid ounces per 5 gallons) of spray mixture. This product demonstrates good plant safety; not all species have been tested. Prior to treating a large area, test on a small area and observe before full-scale application.

Prior to the addition of AD-BUFF to spray tank mixes, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial.

AD-BUFF improves deposition and retards drift by producing a more uniform spray pattern. The degree of drift hazard varies with the type of pesticide and application conditions. AD-BUFF will retard, but not eliminate drift.

**ALWAYS FOLLOW THE LABEL DIRECTIONS PROVIDED BY THE PESTICIDE MANUFACTURER.**

DISCLAIMER OF WARRANTIES: Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

CA

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