



Drift Control Agent / Acidifier / Surfactant / Penetrant

AD-BUFF™

PRINCIPAL FUNCTIONING AGENTS:

Lecithin, Propionic Acid and Alkylphenol Ethoxylate	83.5%
Constituents Ineffective as Spray Adjuvants	16.5%
TOTAL	100.00%

All ingredients are exempt from the requirements of a tolerance under 40 CFR 180

WA Reg. No. 7001-05001



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.

FIRST AID:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison center / doctor.

IF ON SKIN: Remove affected clothing and wash all exposed skin areas with mild soap and water, followed by warm water rinse.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

IF INHALED: Assure fresh air for breathing. Allow victim to rest.

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 cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90°F.

Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. 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 the ACRC web page at www.acrecycle.org. Decontaminated containers 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, and foliar nutrients to enhance



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

SPECIMEN



AD-BUFF™

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.

NOT FOR AQUATIC USE IN WASHINGTON STATE.

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, Defoliants, 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.

ALL EXCEPT CA

GHS_R5-14-2015



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