

AD-SPRAY™ 101

Nonionic Wetter/Spreader Surfactant

PRINCIPAL FUNCTIONING AGENTS*:

Alkyl Aryl Polyalkoxylated Glycols and derivatives thereof	23.6%
Constituents ineffective as spray adjuvant	76.4%
TOTAL	100.0%

*All ingredients are accepted for use under CFR 40, 180.

KEEP OUT OF REACH OF CHILDREN

WARNING

May be harmful if swallowed
May be harmful in contact with skin
Causes serious eye irritation
Causes skin irritation
May be harmful if inhaled



CAL Reg. No. 5905-50086-AA

SN 033115

NET CONTENTS: 2.5 gal. (9.46 liters)

MANUFACTURED FOR

HELENA CHEMICAL COMPANY

225 SCHILLING BOULEVARD, SUITE 300

COLLIERVILLE, TN 38017

901-761-0050

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

BEFORE USING THIS PRODUCT, READ ALL PRECAUTIONS, DIRECTIONS FOR USE, CONDITIONS OF SALE-LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES.

May be harmful if swallowed. May be harmful in contact with skin. Causes serious eye irritation. Causes skin irritation. May be harmful if inhaled. Keep product locked up and out of the reach of children. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or smoking tobacco. Remove and wash contaminated clothing before reuse. Do not take internally. Avoid contact with or inhalation of spray application mist if present. Do not apply this product in such a manner as to directly expose workers or other persons. If product is being mixed with pesticides and/or spray adjuvants, follow all precautionary statements on the accompanying product(s) labeling. Not for human or animal consumption.

California Proposition 65 Warning: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

Personal Protective Equipment (PPE): Wear protective eyewear (goggles or face shield), chemical-resistant gloves, long-sleeved shirt and long pants, and shoes plus socks when using this product. Take off any contaminated clothing and wash before reuse.

FIRST AID

IF IN EYES:	<ul style="list-style-type: none">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 eye.Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none">Call a POISON CENTER or doctor immediately.Rinse mouth. Do NOT induce vomiting.Do not give anything by mouth to an unconscious person.Immediately call a POISON CENTER or doctor.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">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:	<ul style="list-style-type: none">Move victim to fresh air.If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

STORAGE AND DISPOSAL

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

Store in original container only. Keep container tightly closed, do not allow water to be introduced into the contents of this container.

Do not store near heat or open flame.

Do not store with oxidizing agents.

PESTICIDE 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). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For help in chemical emergencies involving spill, leak, fire or exposure call toll free 1-800-424-9300.

GENERAL INFORMATION

AD-SPRAY™ 101 is a specially formulated non-ionic wetter/spreader surfactant.

AD-SPRAY™ 101 is designed to improve the application efficiency of pesticide sprays by modifying contact, wetting and spreading of the sprays and can be used with a broad range of equipment. Optimum application effects, however, can be influenced by the crop, pest, spray equipment, spray volume, pressure, droplet size, spray mixture and environmental factors. Consequently, it is recommended that careful observation of the spray deposit be made and adjuvant concentrations be adjusted accordingly.

DIRECTIONS FOR USE

The addition of an adjuvant to some pesticides or pesticide tank mix combinations may cause phytotoxicity to the foliage and/or fruit of susceptible crops. Prior to the addition of AD-SPRAY™ 101 to spray tank mixes, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial.

AD-SPRAY™ 101 can be applied with ground, aerial or CDA spray equipment. For most applications, use enough AD-SPRAY™ 101 to allow for uniform wetting and deposition of the spray onto leaf and stem surfaces without undue runoff.

Ground: Herbicides ½-4 pints per 100 gallons.

Insecticides, Acaracides, Fungicides 1-2 pints per 100 gallons.

Aerial: ½-2 pints per 100 gallons.

For use with flood or overhead irrigation water:

For flood irrigation, make a solution of 1 pint per 100 gallons of spray and apply the solution over the soil surface, spraying wet. For overhead irrigation, add AD-SPRAY™ 101 directly into the irrigation water from a calibrated injection system. Use 1 pint per 100 gallons of water.

NOTE: The above use recommendations are considered to be adequate for most uses. Some pesticides, however, may require higher or lower rates for optimum effect. Follow the pesticide(s) label(s) directions when this occurs.

MIXING

Prior to any pesticide application all spray mixing and application equipment must be cleaned. Carefully observe all cleaning directions on the pesticide(s) label(s).

- Fill spray tank with water and begin agitation.
- Add the AD-SPRAY™ 101 to the spray tank and mix for 1-2 minutes.
- Add pesticides as directed by labeling or in the following sequence:
 - Dry flowables or water dispersible granules
 - Wettable powders
 - Flowables
 - Solutions
 - Emulsifiable concentrates

and continue agitation.

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 on this label are believed to be reliable and must be followed carefully. Insufficient control of pests and/or injury to the 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 Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man 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

Disclaimer: Always refer to the label **on the product** before using Helena or any other product.

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 Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, 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 and the 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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SPECIMEN LABEL