

17545-2

05/24/1991

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MAY 24 1991

Mr. Donald Hathorn III  
Manager, Regulatory Affairs  
Mountain Chemical Company  
5150 N. 10th Street, Suite 150  
Fremont, CA 94755

Dear Mr. Hathorn,

Subject: Cotton-Aide HC  
EPA Registration No. 17545-2  
Your Application of March 21, 1991

We have completed our review of the labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended. We find that the changes you propose are acceptable. A stamped copy is enclosed for your records.

However, as a matter of new policy, there is a change in the language under the Environmental Hazards section of the label which affects all subsequent registrations and amendments. Your statement, "Do not apply to water or wetlands," should be revised to read as follows: "Do not apply directly to water, to areas where surface water is present, or to adjacent areas below the mean high water mark."

Please submit 5 copies of your final printed label incorporating these changes.

Thank you.

Sincerely yours,

Joseph L. Miller  
Product Manager (20)  
San Francisco District Branch  
Registration Division (470) 20

H7505C:Miller/Mayes:jem:Rm235:557-8218:05/24/91



MONTEREY  
CHEMICAL  
COMPANY

EPA Reg. No. 17545-2  
EPA Est. No. 48498-CA-01

NET CONTENTS: FIVE GALLONS

# COTTON-AIDE HC

## Cotton Defoliant

For Use On  
Irrigated and Dryland Cotton

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAY 24 1991

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
17545-2

### ACTIVE INGREDIENTS:

Sodium Cacodylate . 28.40%  
Dimethylarsinic Acid  
(Cacodylic Acid) . . 4.90%

INERT INGREDIENTS: 66.70%

TOTAL . . . . 100.00%

Total Arsenic (as elemental) all in water solu-  
ble form . . . 16.28%  
Contains 3.25 lbs. Cacodylic Acid Equivalent  
per gallon.

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT**

KEEP OUT OF REACH OF CHILDREN

## CAUTION:

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed or inhaled. Avoid breathing spray mist. (Coarse sprays are less likely to drift.) Avoid contact with eyes, skin, or clothing. Causes eye irritation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children and domestic animals off treated areas until washed into the soil. Avoid contamination of feed or food products.

### STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. DO NOT induce vomiting or give anything by mouth to an unconscious person.

If on skin, wash with plenty of soap and water. Get medical attention if irritation persists.

If inhaled, remove victim to fresh air. Apply artificial respiration, preferably by mouth to mouth, if indicated.

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. DO NOT apply directly to water or wetlands. DO NOT contaminate water when disposing of equipment washwaters.

GENERAL INFORMATION: COTTON-AIDE HC may be used as a harvest aid for the defoliation of cotton. COTTON-AIDE HC is also a non-selective postemergence herbicide. It will kill vegetation on contact. However, its phytotoxic properties are quickly inactivated upon contact with the soil.

CARE OF EQUIPMENT: Although COTTON-AIDE HC is only moderately corrosive, do not apply with any applicator having zinc, aluminum, magnesium or alloy components. Clean equipment after use by flushing with water.

### DIRECTIONS FOR USE

It is a violation of Federal and State Law to use this product in any manner inconsistent with this label.

CHEMIGATION: DO NOT apply this product through any type of irrigation system.

MIXING AND APPLICATION INSTRUCTIONS: Fill spray tank with desired quantity of water. While agitating, add the recommended amount of COTTON-AIDE HC. Thoroughly mix prior to application. The sprayer should be carefully calibrated for best results. Apply the spray solution at the proper rate in the proper amount of water to the properly measured area.

#### DEFOLIATION OF COTTON:

Dryland Cotton: Apply 2-2½ pints COTTON-AIDE HC per acre 7-10 days before harvest when over 50% of bolls are open.

Irrigated Cotton: Apply 2½ - 3 pints per acre before harvest when at least 50% of bolls are open.

For proper defoliation, spray solution must contact all leaves. Proper equipment calibration is essential. If applied by aircraft, use 5-10 gallons of water per acre. If applied by ground equipment, use 15-20 gallons of water per acre. Addition of a non-ionic surfactant, which has been cleared for application to growing crops, may enhance coverage and overall performance. Use surfactants in accordance with their manufacturer's directions, precautions, and restrictions.

COTTON-AIDE HC may be tank-mixed with Defol 6<sup>®</sup> or other sodium chlorate-containing products, DEF<sup>®</sup> 6, Folex<sup>®</sup> 6EC, Dropp<sup>®</sup> 50WP, Harvade<sup>®</sup> 5F, Accelerate<sup>®</sup> or paraquat products for cotton desiccation/defoliation according to local practices or seasonal conditions. Do so in accordance with the most restrictive label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. To assure tank mixture compatibility, mix the correct proportions of the components in a small container and let stand five minutes. If the combination remains mixed, or can be readily remixed, the tank mixture may be considered compatible.

Avoid spray contact with aircraft components to minimize corrosion. DO NOT feed treated foliage to livestock or graze treated areas.

GENERAL WEED CONTROL: COTTON-AIDE HC will top-kill annual and perennial weeds in non-crop areas around buildings, industrial sites, storage yards and vacant lots; rights-of-ways and roadways; and fence rows and drainage ditchbanks. Apply 2½ gallons of COTTON-AIDE HC in 65-100 gallons of water per acre. Apply COTTON-AIDE HC as a broadcast treatment or directed spray to weeds around desirable plants. Wet foliage of actively growing weeds to run-off. Should regrowth occur, repeat five days after first application. Sunshine and temperatures above 75°F will accelerate herbicidal activity. Note: COTTON-AIDE HC contains a suitable wetting agent for

normal use. However, for hard-to-kill and larger weeds in certain arid regions, addition of non-ionic surfactant may enhance weed control. Avoid spray contact with desirable plants. DO NOT use in vegetable gardens or around crops grown for food or feed. DO NOT contaminate water used for irrigation or domestic purposes.

### STORAGE AND DISPOSAL

PROHIBITION: DO NOT store near feed or food products.

PESTICIDE DISPOSAL: DO NOT contaminate water, food, or feed by storage or disposal. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

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.

WARRANTY - CONDITIONS OF SALE: DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is, however, impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Monterey Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result. ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Monterey Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use as modified by the above. Monterey Chemical Company makes no other warranties, express or implied, including FITNESS or MERCHANTABILITY. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.

(Accelerate<sup>®</sup>-Pennwalt Corp.; DEF<sup>®</sup>-Mobay Corp.; Defol 6<sup>®</sup>-Drexel Chemical Co.; Dropp<sup>®</sup>-NOR-AM Chemical Co.; Folex<sup>®</sup>-Rhône-Poulenc Ag Company; Harvade<sup>®</sup>-Unkroyal Chemical Co., Inc.)

This product is manufactured for:



P.O. BOX 5317  
FRESNO, CALIFORNIA 93755

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