

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JAN 23 2004

Ms. Lynn Georges
Monterey Chemical Company
P.O. Box 35000
Fresno, CA 93745

Subject: Cotton-aide Herbicide
EPA Registration No. 17545-2
Revised labeling submitted on January 20, 2004

Dear Ms. Georges:

The amended labeling referred to above is acceptable. This labeling supercedes all previously accepted labeling for this product (except supplemental labeling). A stamped copy of the label is enclosed for your records.

If you have any questions about this letter, you may call Tobi Colvin-Snyder at 703-305-7801.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Tompkins", written over a circular stamp.

Jim Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505C)

ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 23 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the pesticide
governed by EPA Reg. No.



COTTON-AIDE HC

Cotton Defoliant and for Control of Weeds in Noncrop Areas

Active Ingredients:

- Sodium cacodylate 28.4%
- Dimethylarsinic acid (Cacodylic acid) 4.9%

Other Ingredients: 66.7%

Total: 100.0%

Total arsenic, all in water soluble form, expressed as elemental: 15.96%
Contains 3.25 pounds cacodylic acid equivalent per gallon.

EPA Reg. No. 17545-2

EPA Est. No. 48498-CA-1

Manufactured for:

MONTEREY CHEMICAL COMPANY

P.O. Box 35000 • Fresno, CA 93745-5000 • (559) 499-2100
www.montereychemical.com

Attention: This product contains cacodylic acid, which is a chemical known to the State of California to cause cancer.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If swallowed:	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 treatment advice.
If inhaled:	<ul style="list-style-type: none"> • 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 treatment advice.
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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are given, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statements: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. DO NOT contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow workers entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

This requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). This WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep children and domestic animals off treated areas until this material has been washed into the soil.

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. Avoid spray contact with aircraft components to minimize corrosion.

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: Apply COTTON-AIDE HC before harvest when at least 50% of bolls are open.

Dryland Cotton: Use a rate of 2-2½ pints COTTON-AIDE HC per acre.

Irrigated Cotton: Use a rate of 2½-3 pints COTTON-AIDE HC per acre for stand alone treatments and 1-3 pints COTTON-AIDE HC per acre for tank mix applications as specified below.

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 Accelerate®, DEF® 6, Dropp® 50WP, Folex® 6 EC, Ginstar®, Prep™ or other ethephon products, Defol® 6W or other sodium chlorate products, 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.

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 fencerows 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 growth reoccur, 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 a 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.

(Accelerate®-Cerexagri, Inc.; DEF® and Ginstar®-Bayer; Defol®-Drexel Chemical Co.; Dropp®, Folex® and Prep™-Aventis Crop Protection, Inc.)

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: DO NOT store near feed or food products. Store in original container only. Keep container tightly sealed when not in use.

PESTICIDE 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 representative at the nearest EPA Regional Office for guidance.

CONTAINER 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 or local ACRC recycler, visit the ACRC web page at www.acrcycle.org. Decontaminated containers may also be disposed of in a sanitary landfill.

CONDITIONS OF SALE AND WARRANTY

Monterey Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated when used in accordance with the use directions under normal conditions. Monterey Chemical Company neither makes, nor authorizes any agent or representative to make, any other warranties, express or implied, including fitness or merchantability.

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Plant injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and plant conditions, presence of other materials, or other influencing factors, all of which are beyond the control of Monterey Chemical Company and Seller. Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material not in strict accordance with directions given herewith. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.

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