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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

APP. 14 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Eliot I. Harrison  
Delta Analytical Corporation  
Agent for: MOORE AGRICULTURAL PRODUCTS COMPANY INC.  
7910 Woodmont Avenue - Suite 1000  
Bethesda, MD 20814

Subject: Label Amendment Submission of 06/06/94 in Response to PR Notice 93-7  
EPA Reg. No. 49517-1  
POLY-FOLIANT LIQUID DEFOLIANT

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

1087

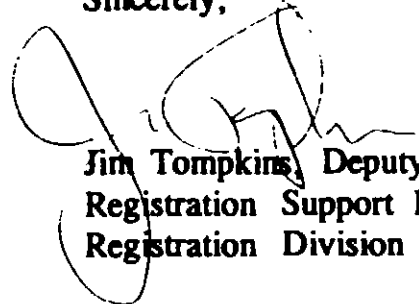
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

6/6/94

EPA File Copy

9.17

**MAPCO**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 14 1995

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

49517-1

**POLY-FOLIANT  
LIQUID DEFOLIANT**

**HARVEST AID**

(With non-Borate Fire Suppressant)

Active Ingredient:

Sodium Chlorate ..... 18.9%

Inert Ingredients ..... 81.1%

Total ..... 100.0%

contains 1.92 lbs. per gallon.

KEEP OUT OF REACH OF CHILDREN

**DANGER PELIGRO**

Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

**STATEMENT OF PRACTICAL TREATMENT**

**IF SPLASHED IN EYES**, flush with water for 15 minutes. Get medical attention.

**IF SPILLED ON SKIN**, wash with plenty of soap and water. Get medical attention if irritation persists.

**IF SWALLOWED**, drink immediately a large quantity of either milk, egg whites or gelatin solution. If these are not available, drink a large quantity of water. Avoid alcohol. Get medical attention.

**NOTE TO PHYSICIAN:**

Probable mucosal damage. Use of gastric lavage may be contraindicated.

See additional precautionary statements and directions for use.

Net contents: \_\_\_\_\_

EPA Reg. No. 49517-1

EPA Est. No. 49517-TX-001  
49517-CA-001

Manufactured By:  
Moore Agricultural Product Company, Inc.  
Hanford CA Munday TX

## **PRECAUTIONARY STATEMENTS**

### **Hazards to Humans and Domestic Animals**

**DANGER:** Corrosive. Causes eye damage. Harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Avoid contact with skin.

### **Personal Protective Equipment**

Applications and other handlers must wear:

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

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **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**

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Clean and wash spray equipment before and after use and do not allow to contact desirable plants.

### **PHYSICAL AND CHEMICAL HAZARDS**

To avoid fire or explosion do not mix with insecticides.

### **CHEMIGATION PROHIBITION**

Do not apply this product through any type of irrigation system.

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## 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 the label about personal protective equipment (PPE) and restricted-entry notification. 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 worker 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 Standards and that involves contact with anything that has been treated such as plants, soil, or water is: coveralls, waterproof gloves, shoes plus socks and protective eyewear.

**AS A COTTON DEFOLIANT:** Use Poly-Foliant at the rate of 2 to 3 gallons in 5-10 gallons of water per acre by airplane. For ground application, use Poly-Foliant at the rate of 2 to 3 gallons in 20-50 gallons of water per acre. A spreader or activator should be used for Poly-Foliant. For this purpose, M.A.P.CO. Brand Defoliant Spreader is recommended, and should be used at the rate of 1 quart per 100 gallons of spray solution added to the solution in the spray tank.

**COTTON:** The action of chemical defoliants is greatly affected by local conditions such as soil moisture, atmospheric moisture, plant maturity, and certain other factors.

Conditions before defoliant application which are favorable for defoliation include: uniform development of plants, adequate moisture and nutrient supply, and good insect control throughout the season. Conditions at the time of defoliant application which are favorable for defoliation include: mature plants with heavy uniform boll-load, leaves tender, active and not wilted, no second growth present, weather warm but not hot, humidity fairly high and air calm. Do not graze or feed gin waste to livestock.

## Suggestions for Application

**TIMING:** Apply sprays when conditions for defoliation are as favorable as possible and when the youngest bolls expected to make cotton are at least 30 days old. **DO NOT APPLY WITHIN 7 DAYS OF HARVEST.**

As a cotton defoliant: **IMMATURITY AND DROUGHT OF THE COTTON PLANT ARE THE MOST FREQUENT CAUSES OF UNSATISFACTORY DEFOLIATION.** Under most growing conditions, proper maturity is indicated by the green foliage color becoming lighter and tinged with red, and by a definite reddening of the stems. Maturity often varies within a field, making uniform defoliation difficult to obtain. Second growth sometimes appears after plants are mature. This is difficult to defoliate, and may cause staining of machine-picked cotton. Apply Poly-Foliant 2 to 3 weeks before anticipated picking date. Do not defoliate when cotton is suffering from drought as evidenced by a wilt condition. Thorough coverage of the plant is essential, whether applied by airplane or ground sprayer. In airplane application, swath width should not exceed wing spread. This has been found to be extremely important for satisfactory defoliation and drying. For best results, nozzles should be small orifice, fan spray type.

### STORAGE AND DISPOSAL

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

**STORAGE INSTRUCTIONS:** Storage should be in a cool, dry area away from any heat or ignition source.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely 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). 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.

## **CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

The directions on this label are believed to be reliable and should 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, the failure to follow the label directions, or good application practices, all of which are beyond the control of Moore Agricultural Products Co., Inc. (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 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 this 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 is a claim for damage and in no event shall damages or any other recovery of any kind against the Company exceed the price of the product which causes the alleged loss, damage, injury, or other claim. 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.

**BEST COPY AVAILABLE**