

PM 22

9779-96

Page 1 of 10  
File



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

JAN 18 1993

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

GLEND A HAAGE  
RIVERSIDE/TERRA CORP.  
600 FOURTH STREET  
SIOUX CITY, IA 51101

Subject: Label Amendment Submission of 07/26/93 In Response to PR Notice 93-7  
EPA Reg. No. 9779-96  
RIVERSIDE 120 HERBICIDE

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

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 subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

**YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING.** Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

**YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.**

**BEST AVAILABLE COPY**



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

**Each notification must include the following information:**

- 1. Registrant's name and address.
- 2. EPA Registration number of the product for which the labeling was submitted.
- 3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

**In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:**

- 1. Quantity of the product that has been sold or distributed.
- 2. EPA Producing Establishment number.
- 3. Location of the product, if known.
- 4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

**Submit the notification to:**

Michael Wood, Director  
 Compliance Division, (7203)  
 Worker Protection Notification  
 Office of Compliance Monitoring  
 U.S. Environmental Protection Agency  
 401 M Street SW  
 Washington, DC 20460

**Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.**

**IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.**

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the 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 neither been reviewed nor 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:**

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling as amended

**AND**

- **WITHIN** one year from date of this acceptance.

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

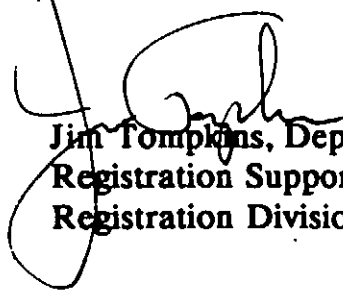
Document Processing Desk (FIN-LABEL)  
 Office of Pesticide Programs (7505C)  
 U.S. Environmental Protection Agency  
 401 M Street, SW  
 Washington, D.C. 20460-0001

**BEST AVAILABLE COPY**

Hand or courier deliveries of final 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

cc: Office of Compliance Monitoring

5 9 10

Riverside Trademark®  
120 HERBICIDE  
Contains 6.6 pounds of MSMA per gallon without surfactant

<b>ACTIVE INGREDIENT</b>	
Monosodium Acid Methanearsonate*.....	51.0%
<b>INERT INGREDIENTS.....</b>	<b>49.0%</b>
<b>TOTAL</b>	<b>100.0%</b>

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JAN 28 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
9779-96

Total arsenic (as elemental) all in water soluble form 23.7%  
\*Product contains 6.6 pounds of MSMA per gallon.

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**STOP READ LABEL BEFORE USING.**

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**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Contact your local Poison Control Center, hospital, or physician. If the patient is unconscious, maintain breathing and heartbeat (cardiopulmonary resuscitation). If the patient is conscious and alert, induce vomiting (syrup of ipecac or stimulate the back of the throat with a finger). Never give anything by mouth to an unconscious person.  
**IF INHALED:** Remove victim to fresh air and apply respiration if indicated.  
**IF ON SKIN:** ~~Remove contaminated clothing and~~ wash with soap and water.  
**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

See additional PRECAUTIONARY STATEMENTS on side panel.

EPA Reg. No. 9779-96

EPA Est. Nos. 9979-AL-1<sup>M</sup>, 9779-AR-1<sup>P</sup>  
(Lot no. indicates establishment)

Manufactured For  
**RIVERSIDE/TERRA CORPORATION**  
Terra Centre, 600 Fourth Street, Sioux City, Iowa 51101  
Riverside Serves Agriculture. Agriculture Serves Everyone.

**NET CONTENTS**  
2 1/2 GALS.

**BEST AVAILABLE COPY**

6 7 10

PRECAUTIONARY STATEMENTS  
CAUTION  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Wash hands after using. ~~Keep children and domestic animals off treated areas until this material has been washed into the soil. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.~~

Applicators and other handlers (other than mixers and loaders) must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks.

*in enclosed areas*

Mixers and Loaders must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and chemical-resistant apron when mixing or loading. For exposures outdoors use a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). For exposures in enclosed areas use dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). *out door*

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. Do not apply when weather conditions favor drift from target areas. Do not contaminate water when disposing of equipment washwaters.

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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 through any type of irrigation system.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

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 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.

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 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

The 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). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons and pets out of treated areas until sprays have dried.

**REENTRY STATEMENT**

~~Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.~~

**NOTICE TO CROP OWNERS**

~~Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. In case of accidental exposure follow the information given under STATEMENT OF PRACTICAL TREATMENT and have exposed person(s) see a physician. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is a reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: CAUTION. Area treated with MSMA on (date). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, refer to the STATEMENT OF PRACTICAL TREATMENT on the label.~~

**PROTECTIVE CLOTHING REQUIREMENTS**

~~Wear protective clothing when handling or applying this product including long pants, long sleeve shirt, and impermeable gloves and boots. Mixer loaders should include an apron and full face shield when handling or mixing concentrate. Flagmen should be fully protected during spray operations or mechanical flagmen used. Pilots and ground spray rig applicators should wear a mask or respirator approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health.~~

**STORAGE AND DISPOSAL**

**DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL**

**STORAGE**

Store in a dry location away from children, animals, foods, feeds, seeds, and other agricultural chemicals. Handle in accordance with information given under PRECAUTIONARY STATEMENTS. In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust, or other absorbent material. Scrape up and dispose of in accordance with information given under DISPOSAL. Repackage and relabel useable product in a sound container. In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

**DISPOSAL**

**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:** Plastic Containers - 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.

**GENERAL INFORMATION**

120 HERBICIDE is useful for selective post-emergent weed control, particularly for grassy weeds. Best results are obtained on young, actively growing weeds at air temperatures above 70°F.

**MIXING INSTRUCTIONS:** 120 HERBICIDE must be thoroughly mixed. Fill the spray equipment reservoir about half full with water and add the required amount of herbicide with agitation. Finish filling the reservoir with water and apply. After use, clean equipment thoroughly by flushing with water. Do not store spray solution in tanks for a prolonged period.

Do not contaminate waters used for domestic consumption or by animals, wildlife, and aquatic life, or water for irrigation purposes.

**COTTON:** 120 HERBICIDE is useful as a directed spray application to weeds in cotton for post-emergent control of grasses and broadleaved weeds, including barnyardgrass, crabgrass, cocklebur, Dallisgrass, foxtail, goosegrass, Johnsongrass, morningglory, nutsedge, pigweed, puncturevine, ragweed, sandbur, and watergrass.

120 HERBICIDE should be applied with a low volume sprayer having satisfactory pumping and bypass action. Nozzles should be placed so as to give good coverage of the weeds and grasses. Proper coverage is very important. Mix at a rate of 3 pints of 120 HERBICIDE plus 1 quart ACTIVATE PLUS, or comparable surfactant, in 50 gallons of water to form the spray solution. Apply at a broadcast rate of 40 gallons of this solution per acre.

**PREPLANT APPLICATION:** If planting of cotton has been delayed and weeds have emerged, use one preplant application. Apply the spray solution at a broadcast rate of 40 gallons per acre. Cotton may be planted immediately following the preplant application.

**DIRECTED APPLICATION:** Direct the spray solution to the base of the cotton plant. Nozzles should be placed so as to avoid spraying the cotton foliage, but to give good coverage of the weeds and grasses. Apply the spray solution at a broadcast rate of 40 gallons per acre. For band application, apply at a rate of 1 gallon of the spray solution per 1 inch of band width to be treated on the cotton grown in 40 inch rows. A second application may be required during humid growing conditions. Time the second application, if necessary, about 1 to 3 weeks after the first application.

Slight burning and a reddish discoloration of the cotton leaves may occasionally occur following the recommended treatment, but the cotton plant will develop normally.

Apply only when cotton is 3 inches high to first bloom. Do not apply after first bloom.

Do not feed treated foliage to livestock or graze treated fields.

**AGRICULTURAL PLANTINGS:** 120 HERBICIDE is useful as a directed application in non-bearing vineyards and in non-bearing deciduous fruit, nut and citrus orchards, such as almond, apple, apricot, cherry, grapefruit, lemon, lime, orange, peach, pear, plum, prune, and tangerine orchards. It should be applied at the rate of  $\frac{1}{3}$  to  $\frac{1}{2}$  gallon per acre.

Mix 120 HERBICIDE at the rate of  $\frac{1}{3}$  gallon plus 1 quart ACTIVATE PLUS, or comparable surfactant, in 50 gallons of water. Apply as a directed spray in interspaces and around bases of trees or vines. Spray unwanted vegetation to just short of run-off. If regrowth occurs, reapply as required. However, do not exceed 3 applications per year.

Do not allow spray solution to contact leaves, stems, or bark. Use a shield, if necessary, for nursery plantings or young trees. Do not apply around trees or vines from which fruit will be harvested within one year of treatment.

**LAWN AND ORNAMENTAL TURF:** 120 HERBICIDE is useful for the control of Dallisgrass, sandbur, bahiagrass, nutsedge, barnyardgrass, chickweed, and wood sorrel with little or no injury to good lawn grasses. On new lawns, do not treat until after three mowings. Good grasses may be temporarily discolored. Zoysia, bluegrass, and bermuda are quite tolerant. Do not use on St. Augustine or centipede. Mow lawns 1 to  $1\frac{1}{2}$  inches high before treatment. Mix 1 fluid ounce (2 tablespoons) of 120 HERBICIDE and  $\frac{1}{2}$  fluid ounce (1 tablespoon) of ACTIVATE PLUS or a comparable surfactant in 5 gallons of water and apply to an area of 1,000 square feet. Spray thoroughly to wet all undesirable plants. Repeat applications, 10 to 14 days apart, may be needed for good control. Do not apply with hose-end applicators.

**NON-CROP:** 120 HERBICIDE is useful for controlling crabgrass, cocklebur, Dallisgrass, goosegrass, Johnsongrass, morningglory, nutsedge, pigweed, ragweed, watergrass, and similar weeds on drainage ditchbanks, rights-of-way, storage yards and similar non-crop areas.

Mix 120 HERBICIDE at the rate of 2 quarts plus 1 quart ACTIVATE PLUS, or comparable surfactant, in 50 gallons of water. Spray the unwanted vegetation thoroughly to the point of run-off. Any spray equipment that gives good coverage may be used. If regrowth occurs, retreat as required.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller and Buyer assumes the risk of any such use.