



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

FEB 16 1994

Russell F. Sawyer
RIVERDALE CHEMICAL CO.
425 West 194th Street
Glenwood, IL 60425

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 08/17/93 in Response to PR Notice 93-7
EPA Reg. No. 228-169
RIVERDALE 81 SELECTIVE WEED KILLER


Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,


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

Enclosures



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Russell F Sawyer
RIVERDALE CHEMICAL CO
425 WEST 194TH ST.
GLENWOOD IL 60425

Subject: Label Amendment Submission of 08/17/93
in Compliance with the PR Notice 93-7
EPA Reg Nr. 228-169
RIVERDALE 81 SELECTIVE WEED KILLER

Modify the exclusionary statement to conform to the EPA-
approved language specified in PRN 93-11.

(Commercial Label)

RIVERDALE

81 SELECTIVE WEEDKILLER

FOR PROFESSIONAL TURF MAINTENANCE

Contains 3.06 pounds 2,4-D and 0.4 pounds Dicamba per gallon

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	39.21%
Dimethylamine Salt of Dicamba (3,6-dichloro-o-anisic Acid)**	5.12%
Dimethylamine Salts of related Acids	1.28%

INERT INGREDIENTS:	54.39%
TOTAL	100.00%

Isomer Specific AOAC Method, Equivalent to:

2,4-Dichlorophenoxyacetic Acid	32.58%, 3.06 lbs./gal.
6-dichloro-o-anisic Acid	4.26%, 0.40 lbs./gal.

ACCEPTED
with COMMENTS
In EPA Letter Dated

FEB 16 1993

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

KEEP OUT OR REACH OF CHILDREN

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que
se la explique a usted en detalle.

See Side Panel For Additional Precautionary Statements
And Statement Of Practical Treatment

NET CONTENTS

EPA REG. NO. 228-169

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER - PELIGRO

Corrosive, causes eye damage. Do not get in eyes, or on skin or clothing. Harmful if swallowed or inhaled. Avoid inhalation of spray mists. When using this product wear long-sleeved shirt, long pants, socks, shoes, chemical resistant gloves and eye protection. It is recommended that safety glasses include front, brow and temple protection. After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. The maximum number of broadcast applications per

NOTE: Spanish language is optional

Revised A/O 4/20/93

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treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

If this container is over 1 gallon and less than 5 gallons, the persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron. If this container is 5 gallons or more in capacity, then a mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES: Immediately flush eyes with plenty of water for 15 minutes and get medical attention at once.
- IF SWALLOWED: Drink one or two glasses of water. Induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention immediately.
- IF ON SKIN: Wash promptly with soap and water and rinse thoroughly.

ENVIRONMENTAL HAZARDS.

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. 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 disposing of equipment washwaters. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D, have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

USE PRECAUTIONS

CARE MUST BE TAKEN TO AVOID DRIFT OF SPRAY MISTS TO NON-TARGET susceptible plants such as cotton, vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants. Do not spray near these plants. Do not apply on or near desirable trees or plants or in locations where chemicals may be washed or moved in contact with their roots. Do not spray roots of desirable trees and plants. Do not spray on carpetgrass, dichondra, nor on grasses where desirable clovers are present. Except as noted, use a lawn type sprayer with coarse spray as wind drift is less likely. Avoid fine mists. Use the higher rate for hard-to-kill weeds. Do not exceed specified application dosages for any area. Do not apply to newly seeded grasses until well

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established. Do not spray when air temperature exceeds 90°F. Avoid applying during excessively dry or hot periods unless irrigation is used. For optimum results, (1) turf should not be mowed 1 to 2 days before and following application, (2) Do not apply if rainfall is expected within 48 hours; nor should lawns be irrigated (watered) for 48 hours following application. Reseed no sooner than 3 to 4 weeks after application of this product. Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds but doing so may reduce selectivity to turf resulting in turf damage. Clean and rinse spray equipment using soap or detergent and water and rinse thoroughly before reuse for other sprays. Failure to observe the above precautions may result in turf injury.

ORNAMENTAL LAWNS AND TURF

Riverdale 81 Selective Weed Killer is for use on Lawns, Turf (excluding pastures, sod farms and turf grown to produce seeds) and Golf Fairways, Aprons, Tees and Rough. The following weeds will be controlled by Riverdale 81 Selective Weed Killer: Burdock, Canada thistle, Chickweed (mouseear: common and stitchwort), Chicory, Clovers, Dandelions, Docks, Dog fennel, English daisy, Frenchweed, Ground ivy, Hawkweed, Healall, Henbit, Jimsonweed, Knotweed (erect and prostrate), Lambsquarters, Mallow, Morningglory, Mustard, Oxalis, Pennywort, Peppergrass, Pigweed, Plantain (buckhorn, broadleaf, Rugel's), Poison ivy, Poison oak, Purslane, Ragweed, Sheep sorrel, Smartweed, Spotted spurge, Wild aster, Wild carrot, Wild garlic, Wild onion, Wild radish, Wood sorrel, Yarrow, and many other broadleaf weeds.

Apply as a foliar spray when weeds are young and actively growing. It may be necessary to make a second application (Spring and Fall) to kill certain hard-to-kill weeds such as Poison ivy, Poison oak, and English daisy. Weeds that start growing in the Fall, such as Henbit, may be controlled more effectively with a Fall application.

Apply Riverdale 81 Selective Weed Killer at a rate of 1-1/2 to 2 quarts per acre in 40 to 100 gallons of water; for smaller areas use 1 to 1.4 fluid ounces in 1 to 2 gallons of water per 1,000 square feet.

STORAGE AND DISPOSAL

STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Do not store near seeds, fertilizers, insecticides or fungicides. Store at temperatures above 32°F. If allowed to freeze, remix before using. This does not alter this product. Containers should be opened in well-ventilated area. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and clean up all spilled material with granules or sand. Place in a closed labeled container for proper disposal. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law and may contaminate ground water. 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 by

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other procedures approved by state and local authorities. Plastic containers are also disposable by incineration, if allowed by state and local authorities by burning. If burned, stay out of smoke.

WARRANTY

Riverdale warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant, and soil conditions, mixtures with other chemicals, and factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

(ERP 061594)(PR937&8 042194)