

AUG 10 1994

Russell F. Sawyer
 Riverdale Chemical Company
 425 West 194th Street
 Glenwood, IL 60425-1584

Dear Mr. Sawyer:

Subject: Revised Labeling - Delete Reentry Statement
 Riverdale MCPP-2 Amine
 EPA Registration No. 228-253
 Your Submission Dated February 24, 1994

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provision:

To ensure that this product will not fall within the scope of the Worker Protection Standards as outlined in PR Notices 93-7 and 93-11, add the statement "Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes."

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above change, before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller
 Product Manager (23)
 Fungicide-Herbicide Branch
 Registration Division (7505C)

Enclosure

DK: 305-5611 (FHB/PM23)		CONCURRENCES					
SYMBOL	7505C						
SURNAME	D. KENNY						
DATE	8/9/94						

(Front Panel)

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RIVERDALE

MCCP-2 AMINE

ACCEPTED
AUG 10 1994
EPA Reg. No. 228-253

For Control of Broadleaf Weeds on Lawns,
Golf Courses and Ornamental Turf

ACTIVE INGREDIENT:

Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid*	25.96%
INERT INGREDIENTS:	74.04%
TOTAL	100.000%

By Isomer Specific Assay AOAC Method, Equivalent to:

*2-(2-Methyl-4-Chlorophenoxy)propionic Acid 21.45%, 1.9 lbs/gal.

KEEP OUT OF REACH OF CHILDREN

CAUTION

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS
AND STATEMENT OF PRACTICAL TREATMENT**

NET CONTENTS GALS.

EPA REG. NO. 228-253

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

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(Side Panels)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid inhaling vapor or spray mist. Do not get in eyes or on clothing. Avoid contact with skin, may cause skin irritations. Wear face shield or goggles when mixing, loading or applying this product. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Seek medical attention.
IF IN EYES: Hold eyelids open and flush with a steady stream of water for 15 minutes. Seek medical attention.
IF ON SKIN: Wash exposed skin gently with plenty of soap and water.

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect non-target 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 washwater nor pour washwaters on ground; spray or drain over a large area away from wells and other water sources. Do not apply this product through any type of irrigation system. Use care to avoid spray contact or drift to susceptible plants such as beans and other legumes, cotton, flowers, grapes, ornamentals, vegetables and other plants. Do not permit spray mist containing MCPP-4 Amine to drift onto them since even very small quantities of the spray, which may not be visible, can cause severe injury during both growing and dormant periods. Do not spray when the wind is blowing towards susceptible crops or ornamental plants. Use coarse sprays to minimize drift. Spray drift can be lessened by keeping the spray boom as low as possible; by applying 20 gallons or more of spray per acre; by using no more than 20 pounds spraying pressure with flat fan or flooding flat fan nozzle tips; by spraying when wind velocity is low; and by stopping all spraying when wind exceeds 8 miles per hour. Do not apply with hollow cone-type insecticide or other nozzles that produce a fine droplet spray. Do not use the spray equipment for applying other materials to susceptible crops as injury may result.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPP 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.

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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.

MCPP has been proven to be a very useful herbicide for control of the surface-creeping or prostrate broadleaf weeds listed below. MCPP-2 AMINE may be used on ornamental turf grasses with greater safety than 2,4-D. This herbicide may be used on Washington and Toronto bentgrasses, Kentucky and Merion bluegrasses but use caution on Seaside, Arlington and Congressional bents which may be injured. MCPP-2 AMINE is not recommended for St. Augustine grass and Centipedegrass, as it can cause damage to these species. Do not use MCPP-2 AMINE on newly sown lawns or turf for six months after planting. Avoid drift onto other plants and do not use the first cuttings after treatment as a mulch for flowers and vegetables. Apply MCPP-2 AMINE on a warm, calm day in spring or fall when weeds are growing vigorously. For knotweed apply in

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Spring or early Summer. Use any suitable sprayer or watering can with fine nose to give a uniform coverage of the weeds. Although this herbicide is relatively slow in action, it gives a superior result on the more difficult to control weeds such as:

MORE SUSCEPTIBLE WEEDS

Controlled by 2 pints MCPP-2 AMINE per acre.

Bindweed	Dandelion	Pigweed
Buttercup	Ground ivy	Plantain
Cinquefoil	Lambsquarters	Ragweed
Clover	Mouseear chickweed	Spotted spurge
Common chickweed		Thistle

LESS SUSCEPTIBLE WEEDS

Controlled by 8 pints MCPP-2 AMINE per acre. Repeat applications at half the recommended dosage may give better control.

Black medic	Knotweed	Purslane
Dock	Morningglory	Speedwell
Tenbit	Pennywort	Yarrow

Better control of the weeds classified as Less Susceptible Weeds, especially knotweed, may be obtained with repeat applications of half the recommended dose carried out at not less than weekly intervals. This application practice is preferred, especially on bent grasses, tees and aprons.

PREPARATION OF THE SPRAY: Fill half the spray tank with water; then add the required amount of MCPP-2 AMINE. Mix thoroughly, adding the remainder of water during the operation.

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DIRECTIONS FOR USE (continued)**BEST AVAILABLE COPY**

Rate of Use	Per 1,000 Sq. Ft.	Per Acre
Established greens, and fine turf lawns	2 fluid oz. in 2-1/2 gallons of water	5 pints in 20-40 gallons of water
Established lawns, golf fairways	3 fluid oz. in 2-1/2 gallons of water	8 pints

TIME OF APPLICATION: To obtain the best results, MCPP-2 AMINE must be applied when the weeds are most susceptible and conditions are such that no damage to the grasses will occur. Apply MCPP-2 AMINE when the weeds are growing vigorously. During periods of drought weeds become more resistant to herbicides. Under the same conditions, fine grasses are more susceptible to MCPP-2 AMINE particularly when temperatures exceed 90°F. Do not apply when turf is suffering from drought conditions or during very hot or very wet weather or damage to turf may result. This chemical is absorbed by the foliage of broadleaf weeds and is translocated throughout the whole plant to roots, etc. where it eventually causes death of the plant. Do not cut or mow the lawn 2-3 days before or after treatment so that maximum uptake and translocation can occur. Do not apply if rain is likely otherwise the chemical may be washed off before absorption has taken place. For the same reason do not water the lawn for at least 24 hours after application.

STORAGE AND DISPOSAL

STORAGE: Always 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 areas. Keep containers tightly sealed when not in use. Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE DISPOSAL: 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. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Alternate Statement for Consumer Products

STORAGE AND DISPOSAL

STORAGE: To be stored in original container and placed in an area inaccessible to children. If allowed to freeze, shake well to remix before using.

PESTICIDE DISPOSAL: Partially filled container may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Rinse thoroughly before discarding in trash. Do not reuse empty container.

Note: Local conditions may affect use of this herbicide. Consult local agricultural experiment station, extension service weed specialist, or State regulatory agencies for recommendations in your area.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material 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 and Buyer assumes the risk of any use contrary to such directions. Seller makes no other expressed or implied warranty, including any other expressed or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

(PR938 042194/RV 122193)

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