

PM

23

228-151

Page 1 of 4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUL 28 1994

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

Dear Mr. Sawyer:

Subject: Label Amendment - Delete Reentry Statement
Riverdale MCPP L. V. 4 Ester
EPA Registration No. 228-151
Your Submission Dated February 21, 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:

Under the directions for HOW TO APPLY, change the sentence "Do not mow for 24 hours after application" to read "Do not mow for several days before and after application. Withhold sprinkling for 24 hours after application."

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

CONCURRENCES

SYMBOL	7505C						
SURNAME	D. KENNY						
DATE	7/26/94						

3 of 4

(Front Panel)

RIVERDALE

MCPP L. V. 4 ESTER

A SELECTIVE WEED KILLER

Especially useful for the control of surface-creeping broadleaf weeds such as clovers, chickweeds, stitchwort, ground ivy and knotweed on sports and ornamental turf, including golf greens, fairways and tees; as well as on home lawns and similar non-crop areas.

ACTIVE INGREDIENT:

Isocetyl (2-ethylhexyl) Ester of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid* 74.1%

INERT INGREDIENTS: 25.9%

TOTAL 100.0%

*Equivalent to 48.68% of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid, or not less than 4.0 lbs. MCPP per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT

NET CONTENTS GALS.

EPA REG. NO. 228-151

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

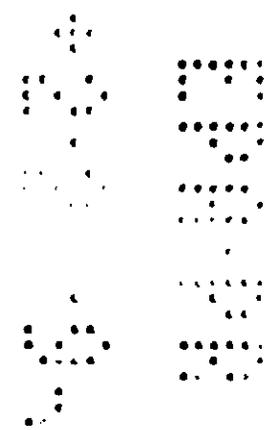
GLENWOOD, ILLINOIS 60425-1584

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 28 1994

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

228-151



374

(Side Panels)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid contact with skin, eyes or clothing. Harmful if swallowed. Avoid inhaling vapor or spray mist. Wear face shield or goggles when mixing, loading or applying this product.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Get Medical Attention.
 IF ON SKIN: Wash skin with soap and water.
 IF IN EYES: Flush eyes with water for 15 minutes and get medical attention.

ENVIRONMENTAL HAZARD

Drift of runoff may adversely affect 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 no pour washwater 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. Do not apply when weather conditions favor drift from target area. Spray equipment used in applying this product should be thoroughly cleaned before using for any other purpose. Use repeated flushing with soap and warm water or suitable chemical cleaner. It is best to use a separate sprayer for application of insecticides and fungicides. This product will kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, grapes, ornamentals, cotton or other desirable plants. Do not use when there is hazard from drifting mists. (Coarse sprays are less likely to drift). Vapors from this product may injure susceptible plants in the immediate vicinity. Avoid contamination of water used for domestic purposes and irrigation purposes. Excessive amounts of this product in the soil may temporarily inhibit seed germination and plant growth.

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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GENERAL INFORMATION: MCPP has proven to be a very useful herbicide for control of the surface-creeping or prostrate broadleaf weeds listed below. Although relatively slow in action, one of the advantages of Riverdale MCPP L. V. 4 Ester is that it is safer to fine turf grasses than 2,4-D. Can be used safely on most bent varieties, but use caution on Seaside, Arlington and Congressional bents which may be injured.

WEEDS CONTROLLED

Common chickweed (*Stellaria media*); Mouseear chickweed (*Cerostium vulgatum*); Red Clover (*Trifolium pratense*); White clover (*Trifolium repens*); Ground ivy (*Glechoma hederacea*); Stitchwort (*Stellaria graminea*); Knotweed (*Polygonum aviculare*).

Application Rate on	Per 1,000 Sq. Ft.	Per Acre
Established greens and fine turf lawns	3/4 to 1 fl. oz.	2 to 2-1/2 pints
Other established turf and fairways	1-1/4 to 1-1/2 fl. oz.	3 to 3-1/2 pints

Better weed control, especially of knotweed has been obtained with weekly applications at half recommended rate. This is preferred, especially on bent grasses and aprons where there has been no previous experience.

HOW TO APPLY: Apply as a water-mixed spray in 20 to 40 gals. water per acre (4 gals. per 1,000 sq. ft.). Apply with boom type sprayer to give thorough coverage. Smaller areas may be treated with a knapsack sprayer. Do not mow for 24 hours after application.

WHEN TO APPLY: For knotweed, apply in Spring or early Summer when weeds are young for best results. For other weeds listed, apply in Spring or Fall when weeds are growing actively.

CAUTION: Do NOT apply when turf is suffering from drought conditions or during very hot or very wet weather or damage to turf may result. Do NOT use on Dichondra or St. Augustinegrass.

COMBINATION WITH 2,4-D FOR CONTROL OF OTHER WEEDS: Control of knotweeds, dandelion and plantain is improved by mixing the recommended rate of Riverdale MCPP L. V. 4 Ester with an equal amount of Riverdale Weeddestroy AM-40.

CAUTION: Do NOT apply such a combination to Bent and other fine turf. Such mixtures, especially at the highest rate, may also injure fescues.

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in a secured warehouse or storage building. Do not store near seed, fertilizers, insecticides or fungicides. 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: 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.

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. Plastic containers are also disposable by incineration, or if allowed by State and local authorities by burning. If burned, stay out of smoke.

Local conditions may affect the use of this chemical. Consult State Agricultural Experimental Station or Extension Service weed and turf specialists for specific recommendations as to dosage and time of application and for control of other weeds.

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

(PR938 042194/RV 122193)

BEST AVAILABLE COPY