

228-275

6/10/2003
RIVERDALE®

1/4

MCPP-80™ AMINE

WATER SOLUBLE

FOR USE ON LAWNS, GOLF COURSES, PARKS, ORNAMENTAL TURF AND
SIMILAR SITES

ACTIVE INGREDIENT:

Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid*	94.3%
INERT INGREDIENTS:	5.7%
TOTAL	100.0%

Isomer Specific AOAC Method, Equivalent to:

*2-(2-Methyl-4-Chlorophenoxy)propionic Acid	78.0%
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Riverdale Is A Registered Trademark of Riverdale - A Nufarm Company
MCP-80 Is A Trademark of Riverdale - A Nufarm Company

Patent No. 5,266,553

FOR USE BY PROFESSIONAL TURF MAINTENANCE PERSONNEL, LANDSCAPING OR
COMMERCIAL APPLICATORS ONLY. NOT FOR SALE TO OR USE BY HOMEOWNERS.

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

**SEE SIDE PANEL FOR FIRST AID
AND ADDITIONAL PRECAUTIONARY STATEMENTS**

NET CONTENTS LBS.

EPA REG. NO. 228-275

EPA EST. NO. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS, INC., BURR RIDGE, ILLINOIS 60527-0866

ACCEPTED
In EPA Letter Dated
JUN 10 2003

NOTE: Spanish language is optional

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
228-275

(Side Panels)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER - PELIGRO**

Corrosive, causes irreversible eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear face shield or goggles and long pants, long-sleeved shirt, shoes and gloves when mixing, loading or applying this product. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash. Do not re-enter or permit workers to re-enter treated area until sprays have dried.

FIRST AID STATEMENT

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

- IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
- IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

NOTE TO

PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.

ENVIRONMENTAL HAZARDS

Drift or 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 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-80 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 insecticides 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 Mecoprop have been associated with mixing/loading and disposal sites. Caution should be exercised when handling Mecoprop 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.

GENERAL INFORMATION: Riverdale MCPP-80™ Amine may be used on ornamental turf grasses with greater safety than 2,4-D. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Just add one-third of the recommended water to your spray tank, then add the appropriate amount of water soluble Riverdale MCPP-80™ Amine into the tank and finally the remainder of water. Once dissolved, Riverdale MCPP-80™ Amine will make a stable water solution. It is non-flammable. It is for use on lawns, turf (not pastures), golf courses, parks, cemeteries, and similar non-crop areas.

Note: Two "heaping" tablespoonfuls equals one ounce of Riverdale MCPP-80™ Amine.

When used as directed, this herbicide is safe to use on Washington, Toronto and Seaside bentgrasses, Kentucky and Merion bluegrasses. Apply Riverdale MCPP-80™ Amine on a warm calm day when weeds are growing vigorously. Use any suitable sprayer or watering can with fine nose to give a uniform cover 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 1-1/2 pounds Riverdale MCPP-80™ 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 2-1/2 pounds Riverdale MCPP-80™ Amine per acre.

- | | | |
|-------------|--------------|-----------|
| Black medic | Knotweed | Purslane |
| Dock | Morningglory | Speedwell |
| Henbit | Pennywort | Yarrow |

Use	Per 1,000 square feet	Per Acre
Established greens:	1/2 oz. in 2-1/2 gallons of water	1-1/2 pounds in 20 to 40 gallons of water
Established lawns, golf fairways:	3/4 to 1 oz. in 2-1/2 gallons of water	2-1/2 pounds in 20 to 40 gallons of water

TIME OF APPLICATION: To obtain the best results, Riverdale MCPP-80™ Amine must be applied when the weeds are most susceptible and conditions are such that no damage to the grasses will occur. Apply Riverdale MCPP-80™ 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 Riverdale MCPP-80™ Amine particularly when temperatures exceed 90°F. 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. For optimum results, turf should be not be mowed for 2 to 3 days before or after treatment so that maximum uptake and translocation can occur. Do not spray 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.

Better control of the weeds classified as Less Susceptible Weeds may be obtained with repeat applications of half the recommended dose carried out at not less than monthly intervals.

Riverdale MCPP-80™ Amine is not recommended for St. Augustine grass and Centipedegrass as

it can cause damage to these species. Do not use Riverdale MCPP-80™ Amine on newly sown lawns or turf until grasses are well established. Reseed no sooner than three to four weeks after application of this product. Avoid drift onto other plants and do not use the first cuttings after treatment as mulch for flowers and vegetables.

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in original container and place in a secured warehouse or storage building. This product should be stored in a cool, dry location. 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 store near open containers of fertilizer, seed or other pesticides. Do not contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. If container is damaged or if pesticide has leaked, clean up all spillage. Place in a closed labeled container for use or proper disposal. 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: Completely empty plastic drum liner into application equipment and dispose of in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke. Fiber drum may be offered for recycling or dispose in same manner as plastic liner.

This product is sold by weight and not by volume. If it does not appear full when opened, it is because contents have settled during shipping and handling.

WARRANTY

Nufarm Americas, Inc. 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.

(RV 050703)