

COPY



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

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. 228-275
RIVERDALE MCPP-80TM AMINE

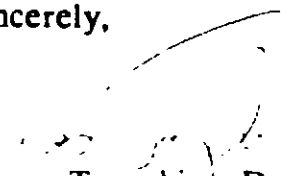
Dear Registrant:

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 When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted."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. 228-275
RIVERDALE MCPPP-80TM AMINE

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

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ACCEPTED
with COMMENTS
in EPA Letter Dated

RIVERDALE
MCP-80™ AMINE

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

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%

MCP-80™ Is A Trademark of Riverdale Chemical Company

Patent Pending

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 PRECAUTIONARY STATEMENTS
AND STATEMENT OF PRACTICAL TREATMENT**

NET CONTENTS

EPA REG. NO. 228-275

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY
GLENWOOD, ILLINOIS 60425-1584

(Left Side Panel)

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. Avoid inhalation of spray mists. Wash thoroughly.

NOTE: Spanish language is optional

Revised A/O 4/20/93

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with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash. Do not re-enter or permit workers to re-enter treated area until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention at once.
- IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available drink large quantities of water. Get medical attention. Do not give anything by mouth to an unconscious person.
- IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
- IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

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 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 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.

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(Right Side Panel)

GENERAL INFORMATION: Riverdale MCPP-80™ Amine may be used on ornamental turf grasses (excluding pastures, sod farms and turf grown to produce seed) with greater safety than 2,4-D. 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 1½ 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 2½ pounds Riverdale MCPP-80™ Amine per acre.

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

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, sod farms, cemeteries, and similar non-crop areas.

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

| Use | Per 1,000 sq. ft. | Per Acre |
|-----------------------------------|-------------------------------------|--|
| Established greens: | 1/2 oz. in 2-1/2 gallons of water | 1-1/2 pounds in 20-40 gallons of water |
| Established lawns, golf fairways: | 3/4-1 oz. in 2-1/2 gallons of water | 2-1/2 pounds in 20-40 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 not be mowed for 2-3 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

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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-80TM Amine is not recommended for St. Augustine grass and Centipedegrass as it can cause damage to these species. Do not use Riverdale MCPP-80TM 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. Do not store near seeds, 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: 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 maybe 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

Riverdale Chemical Company 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. (PR937&8 042194)

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WASHINGTON, D.C. 20460

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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. 228-275
RIVERDALE MCP-80TM AMINE

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.

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Sincerely,

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

Enclosures



Recycled/Recyclable
Printed with Soy-based Ink
Contains at least 50% recycled paper

ACCEPTED
with COMMENTS
In EPA Letter Dated

FEB 16 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

228-275

RIVERDALE
MCP-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%

MCP-80™ Is A Trademark of Riverdale Chemical Company

Patent Pending

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 PRECAUTIONARY STATEMENTS
AND STATEMENT OF PRACTICAL TREATMENT

NET CONTENTS

EPA REG. NO. 228-275

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY
GLENWOOD, ILLINOIS 60425-1584

(Left Side Panel)

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. Avoid inhalation of spray mists. Wash thoroughly.

NOTE: Spanish language is optional

Revised A/O 4/20/93

with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash. Do not re-enter or permit workers to re-enter treated area until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention at once.
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ENVIRONMENTAL HAZARDS

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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

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GENERAL INFORMATION: Riverdale MCP-80™ Amine may be used on ornamental turf grasses (excluding pastures, sod farms and turf grown to produce seed) with greater safety than 2,4-D. When used as directed, this herbicide is safe to use on Washington, Toronto and Seaside bentgrasses, Kentucky and Merion bluegrasses. Apply Riverdale MCP-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:

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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.

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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. Do not store near seeds, 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.

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(PR937&8 042194)



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Registration Division (7505W)

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

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with COMMENTS
In EPA Letter Dated

FEB 16 1994

RIVERDALE

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Patent Pending

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS
AND STATEMENT OF PRACTICAL TREATMENT

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EPA REG. NO. 228-275

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY
GLENWOOD, ILLINOIS 60425-1584

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

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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. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

(Right Side Panel)

GENERAL INFORMATION: Riverdale MCPP-80TM Amine may be used on ornamental turf grasses with greater safety than 2,4-D. When used as directed, this herbicide is safe to use on Washington, Toronto and Seaside bentgrasses, Kentucky and Merion bluegrasses. Apply Riverdale MCPP-80TM 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 1½ pounds Riverdale MCPP-80TM 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 2½ pounds Riverdale MCPP-80TM Amine per acre.

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

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

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

| <u>Use</u> | <u>Per 1,000 sq. ft.</u> | <u>Per Acre</u> |
|-----------------------------------|-------------------------------------|--|
| Established greens: | 1/2 oz. in 2-1/2 gallons of water | 1-1/2 pounds in 20-40 gallons of water |
| Established lawns, golf fairways: | 3/4-1 oz. in 2-1/2 gallons of water | 2-1/2 pounds in 20-40 gallons of water |

TIME OF APPLICATION: To obtain the best results Riverdale MCPP-80TM 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-80TM 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-80TM 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 not be mowed for 2-3 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. Do not store near seeds, 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: 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 maybe 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

Riverdale Chemical Company 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. (PR938 042194)