



000228-00253-123198

Printed: 13:31:03 Friday, 14 May, 1999 # 31 / 2820

Systems Integration Group, Inc.

PM 23

228-253

12-31-98

1075

Rease read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

 Registration
 Amendment
 Other

OPP Identifier Number
263964

Application for Pesticide - Section I

1. Company/Product Number 228-253	2. EPA Product Manager J. I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale MCPP-2 Amine	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Riverdale Chemical Company 425 West 194th Street Glenwood, IL 60425-1584 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION DEC 31 1998
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

- Updating Agency records concerning current suppliers listed on CSF.
- Adding marketing hype: "GET THE OPTICAL ADVANTAGE (TM)".

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. container	If "Yes" Package wgt. container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Russell F. Sawyer	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 708/754-3330
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs Manager	
4. Typed Name Russell F. Sawyer	5. Date December 15, 1998	

20/5

(Front Panel)

RIVERDALE

MCCPP-2 AMINE

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

GET THE OPTICAL ADVANTAGE™

ACTIVE INGREDIENT:

Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid* 25.96%

INERT INGREDIENTS: 74.04%

TOTAL 100.00%

By Isomer Specific Assay AOAC Method, Equivalent to:

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

The OPTICAL ADVANTAGE™ Is A Trademark of Riverdale Chemical Company

KEEP OUT OF REACH OF CHILDREN

CAUTION - CAUCION

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

EPA REG. NO. 228-253

NET CONTENTS

GALS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

NOTE: Spanish language is optional

NOTIFICATION

DEC 31 1998

(Side Panels)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION - CAUCION

Harmful if swallowed. Avoid inhaling vapor or spray mist. Do not get in eyes or on clothing. Avoid contact with skin, may cause skin irritation. 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 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 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-2 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.

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. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

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 Spring or early Summer. Use any suitable sprayer or watering can with a 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
Henbit	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.

(Right Side Panel)

DIRECTIONS FOR USE (continued)

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 to 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 to 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.

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 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&11 042194/RV 121598)