

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460 Application for Pesticide:	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <h1 style="margin: 0;">196262</h1>
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Section I

1. Company/Product Number 228-266	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale Duo TM Lawn Weed Killer	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"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

To comply with PR Notice 93-3

**NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 93-3**

DATE: 7/12/93

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 Package wgt. No per container	If "Yes," Package wgt. No per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of 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"/> Other (_____) <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

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 June 28, 1993	

RIVERDALE

DUO™ LAWN WEED KILLER

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-8

DATE. 7/12/93

Covers (Treats) 9600 Sq. Ft.

CONTROLS DANDELIONS, WILD ONIONS, HENBIT, PLANTAINS,
CHICKWEEDS AND MANY OTHER LISTED WEEDS

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-Methyl-4-chlorophenoxyacetic Acid*	14.0%
Dimethylamine Salt of 2-(2-Methyl-4-chlorophenoxy)propionic Acid**	10.0%

INERT INGREDIENTS:	76.0%
TOTAL	100.0%

Isomer Specific AOAC Method, Equivalent to:

*2-Methyl-4-chlorophenoxyacetic Acid	11.4%, 1.00 lbs./gal.
**2-(2-Methyl-4-chlorophenoxy)propionic Acid	8.3%, 0.73 lbs./gal.

Duo™ - A Trademark of Riverdale Chemical Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements
and Statement of Practical Treatment

NET CONTENTS 32 FL. OZ. (1 QUART)

EPA REG. NO. 228-266

EPA EST. NO. 228-JL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

(Left Side Panel)

Controls BIENNIALS & PERENNIALS:

Buckhorn, Plantain, Canada thistle, Clover, Common burdock, Common plantain, Curly dock, Dandelion, Dichondra, Ground ivy, Lawn pennywort, Lippia, Morningglory, Mouseear chickweed, Oxalis, Sheep sorrel, Thistles, Wild carrot, Wild garlic, Wild onion, Yarrow.

UPC CODE

Revised A/O 3/9/93

304

Controls ANNUALS:

Black medic, Carpetweed, Common chickweed, Clover, Creeping beggar weed, Fennel, Fleabane, Florida pusley, Wild geranium, Hawkweed, Henbit, Knotweed, Lambsquarters, Mallow, Oxalis, Pigweed, Purslane, Ragweed, Shepherdspurse, Smartweed, Sow thistle, Speedwell, Spurge.

(Back Panel)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye injury (irritation). Avoid contact with skin, eyes, or clothing. Wear face shield or goggles, long pants, long-sleeved shirt, shoes and gloves when mixing, loading or applying this product. Wash thoroughly with soap and water after handling. Do not allow persons and pets on treated areas until sprays have dried.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush eyes with fresh water for 15 minutes and get medical attention.

IF SWALLOWED: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash skin with plenty of soap and water. Get medical attention if irritation persists.

Note to Physicians: Emergency information - call ()

ENVIRONMENTAL HAZARDS

Drift or runoff may adversely affect non-target plants. For terrestrial uses, 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 or rinsate nor pour the washwaters on the ground; spray or drain over a large area away from wells, other water sources and desirable plants. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes.

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

10/10

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.

Duo Lawn Weed Killer is for effective control of lawn weeds and will not harm lawn grasses when used according to directions.

USE PRECAUTIONS

IMPORTANT: Do not use this product for controlling weeds in flower or vegetable beds or around shrubs or ornamental plantings. Do not spray exposed roots of desirable plants. Do not spray on Dichondra, Lippia, nor on grasses where desirable Clovers are present. Do not apply to newly seeded grasses until they have been mowed 3 times. Do not cut grass 1 to 2 days before and after application. Do not reseed for 3 to 4 weeks after use. If lawn needs watering, water thoroughly before application. Do not water for 48 hours after application. Watering will wash off weed killing material. Do not apply if rainfall is expected within 48 hours. Avoid fine mists. Use a lawn type sprayer with a coarse spray as wind drift is less likely. Spray entire lawn, wetting weeds and lawn grasses. Do not exceed recommended rates because damage to turf may occur. Spray when air is calm to avoid spray drift that might injure desirable ornamental plants. Do not apply when temperature exceeds 90°F. Make new dilution for each use. Shake well before using.

BENT, COMMON BERMUDA, RED FESCUE, CENTIPEDE AND CARPET GRASSES:

GROWING SEASON - Use one-half recommended rate (2 tsp.) per gallon of water. Make 2 applications 20 days apart. Temporary injury may occur. Do not apply to Dichondra, Lippia, St. Augustine and Clover lawns.

DORMANT SEASON (WINTER): COMMON BERMUDA, CENTIPEDE, CARPET GRASSES: Use at regular rate (See Dilution Table) and apply when turf is dormant (brown). Reduce rate by one-half (2 tsp.) per gallon water when turf has greened up and is actually growing (See Growing Season above).

HARDY WEEDS: For hardy weeds such as Sheep sorrel, Dock, Thistle, and Morningglory in lawns and other turf areas, repeat application in 2 to 3 weeks if necessary

Dilution Table

Area To Treat	Water To Use	Amount of Duo Lawn Weed Killer to Use***
200 sq. ft.	1 gallon	4 teaspoonfuls
1200 sq. ft.	6 gallons	8 tablespoonfuls (4 oz.)

***Use one-half this rate for Bent, Bermuda, Red fescue, Centipede and Carpet Grasses.

TO PREPARE REFILL FOR WEED KILLER: Measure 1 tablespoon of Duo Lawn Weed Killer into the empty container of Duo Weed Killer (24 oz. size) and then fill with tap water.

STORAGE AND DISPOSAL

STORAGE: To be stored in original container and placed in a area inaccessible to children.

PRODUCT 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.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions. (PR933 042194)

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C H E M I C A L C O M P A N Y

TELEPHONE (800) 345-3330
(708) 754-3330
FAX (708) 754-0314

OFFICE: 425 WEST 194th STREET, GLENWOOD, IL 60425-1584
PLANT: 220 EAST 17th STREET, CHICAGO HEIGHTS, IL 60411-3699

June 28, 1993

Document Processing Desk (Notification)
Registration Division - H7505C
U. S. Environmental Protection Agency
401 M Street S.W.
Washington, DC 20460

Dear Sir/Madam:

Subject: PR Notice 93-3 dated March 9, 1993
DuoTM Lawn Weed Killer
EPA Reg. No. 228-256
OPP Identifier No. 196262

Please find enclosed the necessary paperwork to notify the Agency that we are revising our label in accordance with the above subject PR Notice. Be advised that this product is part of our "John Doe" private label program. As such, we do not market this product under the Riverdale name. **Thus, there will not be any final printed label.** If there is anything else we should do at this time, please contact us immediately.

Sincerely yours,

RIVERDALE CHEMICAL COMPANY


By Russell F. Sawyer
Regulatory Affairs Manager

RFS:ls

Enc.