

228-346

1-21-2002

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Please 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

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number
268470

Application for Pesticide - Section I

1. Company/Product Number 228-346	2. EPA Product Manager J. I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale Millennium Ultra™ 8000 Lawn Weed Killer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Riverdale Chemical Company 1333 Burr Ridge Parkway, Suite 125A Burr Ridge, IL 60527-0866 <input checked="" 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 JAN 21 2002
<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.)

Added Marketing Hype for L & G's Hose-end Sprayer instructions: Also added Chemtrec's phone number.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
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	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging 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) 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.					Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Affairs Manager			
4. Typed Name Russell F. Sawyer		5. Date December 11, 2001			

(Non-Commercial)

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RIVERDALE

MILLENNIUM® ULTRA 8000 LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL
IN ORNAMENTAL LAWNS AND TURF GRASSES

CONTAINS 2,4-D, CLOPYRALID AND DICAMBA

KILLS (OR CONTROLS): Dandelion, Chickweed, Black medic, Knotweed, Plantain, Oxalis,
Clover, Cocklebur, Thistle and many other species of
broadleaf weeds; some of which are listed on this label.

One quart covers 8,000 sq. ft.

ACTIVE INGREDIENTS:†

Dimethylamine Salt of 2,4-D*	8.36%
Monoethanolamine Salt of Clopyralid**	1.14%
Dimethylamine Salt of Dicamba***	1.04%
INERT ¹ INGREDIENTS:	89.46%
TOTAL	100.00%

By Isomer Specific AOAC Method, Equivalent to:

*2,4 Acid	6.94%, 0.598 lbs./gal.
**Clopyralid Acid	0.86%, 0.074 lbs./gal.
***Dicamba Acid	0.86%, 0.074 lbs./gal.

†Millennium® - Is A Registered Trademark of Riverdale Chemical Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

EPA REG. NO. 228-346

NET CONTENTS

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

BURR RIDGE, ILLINOIS 60527-0866

Revised 12/11/01 Added Marketing Hype for Hose-end Sprayer instructions; also added
JB Chemtrec's phone number via Notification.

NOTIFICATION

JAN 21 2002

(Side Panels)

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

Wear long pants, long-sleeved shirt, socks, shoes and rubber gloves, when applying this product. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

If this container is over one gallon and less than five gallons, then persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron. If this container is five gallons or more in capacity, do not open pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and 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.

Most cases of groundwater contamination involving herbicides such as 2,4-D and Clopyralid have been associated with mixing/loading and disposal sites. Additionally, using Clopyralid where soils are permeable, particularly where the water table is shallow, may also result in leaching to groundwater. Caution should be exercised when handling this product at mixing, loading and disposal 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 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.

MILLENNIUM® ULTRA 8000 LAWN WEED KILLER is for use on Ornamental Turf such as Lawns, Golf Courses (Fairways, Aprons, Tees* and Roughs), Parks, Cemeteries and similar non-crop areas. *Excluding Bentgrass Tees.

USE PRECAUTIONS

Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants. Do not pour spray solutions near desirable plants. Do not use on Centipede, St. Augustine, Dichondra, nor on lawns or turf where desirable clovers are present. Avoid fine mists. Use lawn type sprayer with coarse spray as wind drift is less likely. Avoid contact with exposed feeder roots of ornamentals and trees. Maximum killing (control) of weeds will be obtained from Spring or early Fall applications when weeds are actively growing. Do not exceed specified dosages for any area; be particularly careful within the dripline of tree and other ornamental species. Do not apply to newly seeded grasses until well established. Do not spray when air temperature exceeds 90°F.

The suitable use of Millennium® Ultra 8000 Lawn Weed Killer on non-recommended turf species may be determined by treating a small area at any rate per square feet which does not exceed 3 pints per 15,000 square feet. The treated area should be observed for any sign of turf injury for a period of 30 days of normal growing conditions to determine the phytotoxicity and efficacy to the treated area.

For optimum results: (1) avoid applying during excessively dry or hot periods unless irrigation is used; (2) avoid applying if rainfall is expected within 24 hours, nor should lawns be irrigated (watered) for 24 hours following application. If lawn needs watering, water thoroughly before application. (3) turf should not be mowed 1 to 2 days before and following application; (4) reseed no sooner than 3 to 4 weeks after application of this product. Adding oil, wetting agent, or other surfactant to the spray may be used to increase effectiveness on weeds but doing so may reduce selectivity to turf resulting in turf damage. Clean and rinse spray equipment using soap or detergent and water, and rinse thoroughly before reuse for other sprays.

WEEDS CONTROLLED BY MILLENNIUM® ULTRA 8000 LAWN WEED KILLER

Alder, Alfalfa, Artichoke, Aster, Austrian fieldcress, Beggartick, Bidden, Bindweed, Bitter wintercress, Bitterweed, Black medic, Blackeyed Susan, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckbrush, Buckhorn, Buffalobur, Bull thistle, Bur ragweed, Burdock, Burhead, Buttercup, Canada thistle, Carpetweed, Catnip, Chamise, Cherokee rose, Chickweed, Chicory, Cinquefoil, Clover, Coastal redstem sage, Cockle, Cocklebur, Coffee bean, Coffeeweed, Common groundsel, Common sowthistle, Common sunflower, Cornflower (bachelor button), Corn speedwell, Coyotebrush, Creeping jenny, Croton, Curly Indigo, Dandelion, Devil's claw, Dock, Dogbane, Dogfennel, Elderberry, English daisy, False Chamomile (scentless), Fanweed, Fiddle neck, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Goosefoot, Ground ivy, Gumweed, Halogeton, Hawkweed, Healall, Heartleaf drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horestail, Horsetweed, Indiana mallow, Indigo, Ironweed, Jerusalem artichoke, Jewelweed, Jimsonweed, Klamathweed, Knapweed (diffuse, Russian, & spotted), Knawel, Knotweed, Kochia, Ladythumb, Lambsquarter, Lespedeza, Little starwort, Locoweed, Lupine, Mallow, Many flowered aster, Manzanita, Marijuana, Marshelder, Matchweed, Meadow salsify (goatsbeard), Mexican weed, Milkvetch, Morningglory, Musk thistle, Mustard, Narrowleaf hawksbeard, Nettle, Nightshade (cutleaf & hairy), Orange hawkweed, Oxalis (stricta and corniculata), Parrotfeather, Parsley-piert, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Pineappleweed, Pinnate tansymustard, Plantain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Povertyweed, Prickly lettuce, Primrose, Puncture vine, Purslane, Rabbitbrush, Ragweed, Red clover, Red sorrel, Redroot pigweed, Redstem, Rush, Russian thistle, Salsify, Sheep sorrel, Shepherdspurse, Sicklepod, Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedle, Spatterdock, Speedwell, Spiderwort, Spurge, Spotted catsear, Spurweed, St. Johnswort, Starthistle, Stinging nettle, Stinkweed, Stitchwort, Sumac, Sunflower, Sweet clover, Tansymustard, Tansyragwort, Tarweed, Texas blueweed, Thistle, Toadflax, Tumbleweed, Velvetleaf, Veronica, Vervain, Vetch, Virginia creeper, White clover, Wild aster, Wild buckwheat, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild parsnip, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Wild violet, Witchweed, Wormseed, Wormwood, Woodsorrell, Yarrow, Yellow rocket, Yellow starthistle, and other broadleaf weeds.

Some hard-to-kill (control) weeds may require a second broadcast application or repeated spot applications even under ideal conditions for application.

ORNAMENTAL TURF

Apply Millennium Ultra 8000 Lawn Weed Killer at the rate of 2 pints in 4 to 50 gallons of water per 8,000 square feet (4 fluid ounces in ¼ to 5 gallons of water per 1,000 square feet) to control weeds growing in turf planted to Bluegrass, Fescue, Rye, Bent (excluding golf course greens and tees), Bahia, Bermuda and Zoysia.

Disposable Sprayer and Bottle Instructions: Determine area to be sprayed. Apply at a rate of 32 oz. (1 quart) per 8,000 square feet. Remove bottle cap and screw bottle into nozzle. Connect spray nozzle to hose while holding sprayer at waist level, point in

direction away from face and body. Turn on the water at the tap. Place finger over hole on right side of nozzle (or turn on/off lever to the "ON" position) and the Lawn Weed Killer will mix automatically at the proper ratio. Walk back and forth at steady pace.

2,000 Sq. Ft.

4,000 Sq. Ft. (Optional marks on left for 1 quart disposable bottle.
Not to scale.)

6,000 Sq. Ft.

8,000 Sq. Ft.

STORAGE AND DISPOSAL

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

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.

NOTICE: Buyer assumes all risks of use, storage and handling of this product not in strict accordance with directions given herewith.

(REV 111298A)

Alternate Statements

Other

*Please note, some states still require the term Inert.

L & G's Hose-end Sprayer instructions

Determine area to be sprayed. Apply at a rate of 32 oz. (1 quart) per 8,000 square feet. Before attaching sprayer to garden hose, make sure that the blue flow switch is in the "OFF" position; red flow switch in the up, "CLOSED" position. Connect spray nozzle to garden hose while holding sprayer at waist level, point in direction away from face and body. Insure sprayer is securely tightened to bottle. Turn on water at the tap; move blue flow switch to "ON" position; and, turn red flow switch to the forward, "OPEN" position. CLOVER POWER HOSE 'EM will mix automatically at the proper ratio. When spraying, walk back and forth at a steady pace. When finished spraying, turn blue flow switch to "OFF" position and red flow switch to "Closed" position.

For medical or transportation emergency call CHEMTREC at 1-800-424-9300.