

228-239

10-17-2003

17

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

Registration  
 Amendment  
 Other

OPP Identifier Number  
**292558**

**Application for Pesticide - Section I**

1. Company/Product Number 228-239	2. EPA Product Manager J. I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale Triamine 8000 Lawn Weed Killer	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. Riverdale - A Nufarm Company 1333 Burr Ridge Parkway, Suite 125A Burr Ridge, IL 60527-0866 <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 File Symbol _____ Product Name _____	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> OCT 17 2003
<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.)**  
We added alternate use instructions. We have included an extra copy which "highlights" the revision.

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) 708/754-3350	
<b>Certification</b> 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 September 30, 2003			

(Residential Label)

RIVERDALE®

TRIAMINE® 8000 LAWN WEED KILLER

FOR SELECTIVE BROADLEAF WEED CONTROL IN RESIDENTIAL TURF (OR LAWNS)

When using a hose-end sprayer, just connect hose,  
turn on water and spray.

ONE QUART COVERS UP TO 16,000 SQUARE FEET  
(See directions for different grasses.)

GET THE OPTICAL ADVANTAGE®

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	3.6%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid**†	1.8%
Dimethylamine Salt of (+)-R-2-(2,4-Dichlorophenoxy)propionic Acid***†	1.8%
INERT INGREDIENTS:	92.8%
TOTAL	100.0%

Isomer Specific AOAC Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	3.0%	0.26 lbs./gal.
**(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid	1.5%	0.13 lbs./gal.
***(+)-R-2-(2,4-Dichlorophenoxy)propionic Acid	1.5%	0.13 lbs./gal.

†CONTAINS THE SINGLE ISOMER FORMS OF MECOPROP-p AND DICHLORPROP-p.

Riverdale, Triamine and The Optical Advantage are Registered Trademarks of Riverdale - A Nufarm Company

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE BACK PANEL FOR FIRST AID  
AND ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS

EPA REG. NO. 228-239

EPA EST. NO. 228-IL-1

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

Revised 2/21/03 Changed First Aid Statement per PR 2001-1 and Disposal Statement per PR 2001-6. Also added cemeteries and similar non-crop areas via Amendment.

6/13/03 Corrected Ornamental Sites per EPA's Request 5/28/03 Meeting.

A/O 8/4/03 Corrected per EPA's letter dated 8/4/03.

9/30/03 Added Alternate Use Instructions via Notification.

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

Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes or on clothing. Avoid breathing spray mist and contact with skin. Wear goggles or face shield, long pants, long-sleeved shirt, socks, shoes and chemical resistant gloves when mixing, loading or applying this product. After using this product, wash nondisposable gloves thoroughly with soap and water before removing, 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. After product has been diluted in accordance with the "Directions For Use" below, or when using disposal sprayer, goggles or face shield are not required. When applying to turf, 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.

**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.
- IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters nor pour the washwater 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. If spills occur, collect the material and dispose of by following disposal instructions on this label.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D, MCPP and 2,4-DP 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 or 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**

TRIAMINE® 8000 LAWN WEED KILLER is a stable solution containing a mixture of three herbicides. It is non-flammable. It is for use on Residential Turf.

**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 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.

**WEEDS CONTROLLED BY TRIAMINE® 8000 LAWN WEED KILLER**

Alder, Artichoke, Aster, Austrian fieldcress, Beggartick, Biden, Bindweed, Bitterweed, Bitter wintercress, Black medic, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckhorn, Bull thistle, Burdock, Bur ragweed, Buttercup, Canada thistle, Carpetweed, Catnip, Chickweed, Chicory, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common sowthistle, Creeping Jenny, Croton, Curly indigo, Dandelion, Dock, Dogbane, Dogfennel, Elderberry, English daisy, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartleaf drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarter, Locoweed, Lupine, Mallow, Marshelder, Mexicanweed, Morningglory, Musk thistle, Mustard, Nettle, Nutgrass, Orange hawkweed, Oxalis, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Plantain, Poison hemlock, Poison ivy, Poison oak, Pokeweed, Poorjoe, Povertyweed, Prickly lettuce, Primrose, Puncture vine, Purslane, Ragweed, Red clover, Red sorrel, Rush, Russian thistle, St. Johnswort, Sheep sorrel, Shepherdspurse, Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedle, Spatterdock, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sumac, Sunflower, Sweet clover, Tarweed, Thistle, Toadflax, Tumbleweed, Velvet leaf, Veronica, Vervain, Vetch, Virginia buttonweed, Virginia creeper, Wild aster, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Willow, Witchweed, Woodsorrel, Wormseed, Yarrow, Yellow rocket, and other broadleaf weeds.

After applying this product, many broadleaf weeds will begin to show visible signs of leaf curl within a few days. Some hard-to-control broadleaf weeds may require a second (or additional) treatment in 3 to 4 weeks.

**ORNAMENTAL LAWNS AND TURF**

**Cool Season Grasses** - such as Bluegrass, Fescue, and Rye: To kill Dandelion, Wild onion, Pennywort, Plantain, Healall and similar weeds: use 8 ounces in 6 gallons of water and apply with pump or hose-end sprayer or sprinkling can to 2,000 square feet of lawn. For smaller areas - use 3 teaspoons in 2 quarts of water applied to 80 square feet. For larger areas - use 1 gallon in 50 gallons of water to 4/5 acre (35,000 square feet).

To kill undesirable weeds such as Thistle, Bindweed, Dock and Ragweed, use 8 ounces in 4-3/4 gallons of water (or 3 teaspoons (1 tablespoon) in 1-2/3 quarts of water), and apply directly to plants, wetting them thoroughly. Repeat as necessary. For larger areas, use 1 gallon in 40 gallons of water.

To kill undesirable plants such as Poison ivy and Poison oak, use 8 teaspoons in 1-2/3 quarts of water or 2 gallons in 10 gallons of water and drench plants when they are fully leaved. Repeat in about 4 weeks if necessary. Certain hard-to-kill weeds such as Poison ivy, Poison oak and English daisy may require a Fall application.

**Warm Season Grasses** - St. Augustine, Bahia, common Bermuda, Centipede, Zoysia, also for Bent: Use a one-half rate which is 4 ounces in 6 gallons of water to treat 2,000 square feet (3 teaspoons, or 1 tablespoon, in 4 quarts of water applied to 160 square feet). Make two applications 10 days apart. Do not spray grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear after about 1 week.

Note: Some hybrid Bermuda grasses may be sensitive to this product. Contact your local Extension Service weed control specialist.

**For Spot Treatment:** Put 4-1/2 teaspoons of Triamine 8000 Lawn Weed Killer into an empty quart container with trigger sprayer. Then add 30 ounces of tap water. Adjust spray nozzle to give coarse spray. Aim at center of weed and spray to wet. Applicator Cap - Hold applicator end about 6 inches from surface to be treated and thoroughly wet. To obtain wider coverage, raise container. One application should be sufficient. Effects begin to show after a few days and weeds gradually die. A repeat application may be required in 3 to 4 weeks for hard-to-control weeds.

**HOSE-END SPRAYER INSTRUCTIONS:** Use a hose-end sprayer designed for lawns. Put recommended Amount of Lawn Weed Killer (Column 1) in bottle and add water to indicated level (Column 2), and spray on area indicated (Column 3). For example, to spray 2,500 square feet, measure 10 ounces in jar and add water to the 10-gallon level and mix. Turn on hose and spray as evenly as possible over 2,500 square feet.

Column 1 Amount Lawn Weed Killer To Use: (Fluid Ounces)	Column 2 Fill Bottle To: (Gallons)	Column 3 Area To Treat: (Square Feet)
5	5	1,250
10	10	2,500
15	15	3,750
20	20 (Full)	5,000

**PRESSURE SPRAYER INSTRUCTIONS:** Measure indicated amount of Lawn Weed Killer into tank and dilute with water according to the following chart. Use a spray pattern which gives small droplets without any fine mist and cover the area indicated.

Amount Lawn Weed Killer To Use: (Fluid Ounces)	Amount of Water In Sprayer (Gallons)	Area To Be Sprayed: (Square Feet)
1	1	250
2	2	500
3	3	750
4	4	1,000

**DISPOSAL SPRAYER AND BOTTLE INSTRUCTIONS:** Determine area to be sprayed. Apply at a rate of 32 ounces (1 quart) per 8,000 square feet for Cool Season grasses or 16,000 square feet for Warm Season grasses. Connect spray nozzle to hose. Remove bottle cap and screw bottle into nozzle. 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.

2000	Square Feet	4000	(Marks on left for 1 quart disposable bottle. Not to scale.)
4000	Square Feet	8000	
6000	Square Feet	12000	
8000	Square Feet	16000	

Cool  
Season

Warm  
Season

**STORAGE AND DISPOSAL**

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

**DISPOSAL:** If empty - Do not reuse this container. Place in trash or offer for recycling if available. If partly filled - If product cannot be used as directed, or offered to others for their use, call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

**NOTICE**

Buyer assumes all risks of use, storage and handling of this product not in strict accordance with directions given herewith. (RV 093003)

Alternate instructions for The Scotts Company Concentrate and Ready-To-Spray System.

Apply with pump up or hose-end sprayer. For small areas, use 1 fl oz in 1 gallon of water applied to 160 sq ft. For larger areas, use 8 oz in 6 gallons of water to 2,000 sq ft of lawn.

When using Ortho® Dial 'N Spray® applicator: Set dial to 1 oz. Add 4 fl oz (8 Tbs) to sprayer jar. DO NOT ADD WATER. Spray evenly over 1,000 sq ft until jar is empty.

Use a one-half rate which is 1 Tbs (.5oz) in one gallon of water applied to 160 sq ft (4 oz in 6 gallons of water to treat 2,000 sq ft).

When using Ortho® Dial 'N Spray® applicator: Set dial to 4 tsp. Add 2 fl oz to sprayer jar. DO NOT ADD WATER. Spray evenly over 1,000 sq ft until jar is empty.

Put 3 fl oz of BASIC SOLUTIONS™ Lawn Weed Killer into an empty gallon container with trigger sprayer. Then add 120 oz of tap water.

DO NOT USE on Floratam a variety of St. Augustinegrass.

1. Shake well before using.
2. Connect sprayer to hose.
3. Turn on water.

1. To begin spraying, point nozzle in the direction you want to spray.
2. Bend small white plastic tab on side of sprayer back and turn knob clockwise to ON position.
3. Spray evenly over measured areas.

1. To stop spraying, turn knob counter-clockwise to OFF position.
2. Turn off water.
3. Relieve water pressure by turning knob to ON position until water slows to a drip. Then, turn knob back to OFF position.
4. Disconnect sprayer from hose.

**Riverdale**  
An Affiliated Nufarm Company

7/7  
Regulatory Affairs Department  
1333 Burr Ridge Parkway, Suite 125A  
Burr Ridge IL 60527-0866  
Office Ph: 708 754 3330  
Facsimile: 708 754 0314

UPS - Overnight  
September 30, 2003

Document Processing Desk (NOTIF)  
Registration Division (7505C)  
Office of Pesticide Programs  
U.S. Environmental Protection Agency  
Crystal Mall Building, #2  
1921 Jefferson Davis  
Arlington, VA 22202

Dear Sir/Madam:

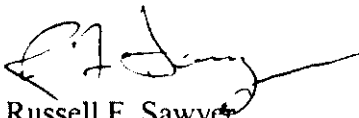
Subject: Riverdale Triamine 8000 Lawn Weed Killer  
EPA File Symbol 228-239  
OPP Identifier No. 292558  
Application For Pesticide: Other

Please find enclosed what we believe to be the necessary paperwork to notify the Agency of our desire to add alternate use instructions. We have enclosed an extra copy of the label highlighted to show the change.

If there is anything else we should do at this time please contact us immediately.

Sincerely yours,

RIVERDALE - A NUFARM COMPANY

  
By Russell F. Sawyer  
Regulatory Affairs Manager

RFS:jb

Enclosures