



Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 228-367	2. EPA Product Manager James Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale Grass Weed and Vegetation Herbicide Killer 18% Concentrate	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. 1333 Burr Ridge Parkway Suite 125A Burr Ridge, IL 60527 <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 JAN 16 2005
<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.)

Label notification consistent with PRN98-10 and PRN2001-6, see cover letter for detailed explanation. This notification is consistent with the provisions of PR Notice 98-10 and PR Notice 2001-6 and EPA regulations at 40 CFR 152.10 and 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 false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.10 and 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	<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.	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"/>	
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 George Meindl george.meindl@us.nufarm.com	Title Registration Manager	Telephone No. (Include Area Code) 708.755.7277
2. Signature 		6. Date Application Received (Stamped)
3. Title Registration Manager		
4. Typed Name George Meindl	5. Date 1/3/2006	

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.



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Nufarm Americas, Inc.  
George Meindl  
Registration Manager  
1333 Burr Ridge Parkway, Suite 125A  
Burr Ridge, IL 60527  
Phone: 708.755-7277 Fax: 708.754.0314  
george.meindl@us.nufarm.com

January 3, 2006

Via Overnight Courier

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U. S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1801 Bell Street  
Arlington, VA 22202-4501

Subject: Riverdale Grass Weed & Vegetation Herbicide (Killer) Concentrate  
EPA Reg. No. 228-367  
Label notification per PR98-10 and PR2001-06

Dear Ms. Hobgood:

Nufarm Americas, Inc would like to make the following label changes to the subject registration.

Initially, please note we have updated the storage and disposal section exactly as indicated in PR2001-06.

Secondly, we have added a stop sign symbol next to the sentence that reads " Read entire label before using this product". In addition, we have added a symbol that illustrates weeds. We feel these can be added via label notification per PR98-10 – section H " Use of Symbols and Graphics".

Finally, we have added marketing claims: "Kills the root." and "Treated areas can be re-seeded 7 days after application." We feel these can be added via label notification per PR notice 98-10 section M. These claims are already expressed in the directions for use.

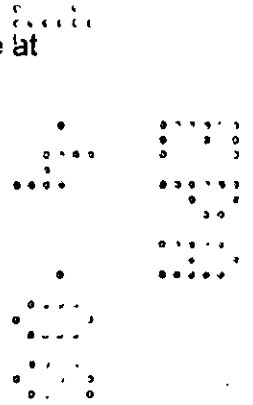
To process this request please find enclosed the following:

- Application for Pesticide Registration (EPA form 8570-1)
- Revised labeling with areas of change clearly identified (1 copy)
- Revised labeling - clean (1 copy)

If you should have any questions regarding this matter, please feel free to contact me at 708.755.7277 or email at [george.meindl@us.nufarm.com](mailto:george.meindl@us.nufarm.com).

Sincerely,

George Meindl  
Registration Manager  
Nufarm Americas, Inc.



CLEAN COPY 38.6

RIVERDALE®

GRASS, WEED AND VEGETATION HERBICIDE (KILLER) 18% CONCENTRATE NOTIFICATION  
CONTAINS GLYPHOSATE

JAN 16 2005

This product is a nonselective herbicide that is diluted and applied to the foliage of actively growing weeds as a spot or broadcast application. It is absorbed by the leaves and moves throughout the stem and roots to control the entire plant. Visible symptoms may require a week or more to appear, with burndown usually occurring in 2 to 4 weeks. Symptoms are a gradual wilting and yellowing of the sprayed plant followed by deterioration of both shoots and roots. This product has no herbicidal activity in the soil and will not wash or leach to affect nearby vegetation.

This product controls many weeds around buildings, vacant lots, storage and recreational areas, gravel or ground bark mulch, shade trees, ornamentals and shrubs, along fences, sidewalks, driveways and patios; and prior to planting turfgrasses or shrubs listed on the label. When used as a spot treatment in lawns, all vegetation contacted will be damaged.

ACTIVE INGREDIENT:

Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt . 18.00%

INERT INGREDIENTS:..... 82.00%

TOTAL..... 100.00%

This product is protected by U.S. pat. No. 4,405,531. Other patents pending. No license is granted under any non-U.S. patent(s).

Riverdale is a Registered Trademark of Nufarm Americas Inc.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR FIRST AID  
AND ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 228-367

NET CONTENTS

GALS.

EPA EST. NO. 228-IL-1

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

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

Harmful if swallowed. May cause eye irritation. Avoid contact with skin, eyes or clothing.

**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.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

**USERS SHOULD:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**ENVIRONMENTAL HAZARDS**

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.

**PHYSICAL OR CHEMICAL HAZARDS**

Mix, store or apply this product only in stainless steel, aluminum, fiberglass, plastic or plastic-lined steel containers.

DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

**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.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes, or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

THIS PRODUCT CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. AVOID SPRAY DRIFT CONTACT WITH DESIRABLE LAWN GRASSES, FLOWERS, VEGETABLES, SHRUBS OR TREES. DO NOT CONTACT GREEN BARK OF TREES OR SHRUBS. IF DESIRABLE VEGETATION IS CONTACTED, WASH IMMEDIATELY WITH WATER.

**WEEDS CONTROLLED**

When applied as recommended under the conditions described, this product controls many common weeds including the following:

**ANNUALS:** Barnyardgrass, Bluegrass (annual), Chickweed, Crabgrass, Foxtail, Lambsquarter (common), Lettuce (prickly), Mustard (tansy), Pennycress (field), Pigweed (redroot, smooth), Ragweed (common), Ryegrass (annual), Sandbur (field), Shepherdspurse, Sowthistle.

**PERENNIALS:** Bahiagrass, Bermudagrass, Bindweed (field), Bluegrass (Kentucky), Fescue (tall), Johnsongrass, Nutsedge (purple, yellow), Orchardgrass, Bromegrass (smooth), Clover (red, white), Dallisgrass, Dandelion, Fescue species, Quackgrass, Ryegrass (perennial), Thistle (Canada), Timothy, Vaseygrass.

**BRUSH:** Alder, Blackberry, Cherry, Dewberry, Elderberry, Honeysuckle, Kudzu, Oak, Poison Ivy, Poison Oak, Raspberry, Rose (multiflora), Sumac, Trumpet creeper, Willow.

**WHEN TO APPLY**

Apply to vigorously growing plants. Apply to annual weeds at any time after emergence. For best results apply to perennial weeds after seedheads, flowers, or berries appear. On woody brush or trees, apply after leaves have fully expanded. Applications made at less than the recommended stage of growth may result in reduced control. After mowing, clipping or tilling, allow weeds to regrow to the recommended growth stage before spraying this product. Rainfall or watering within 6 hours after application can wash the product off plant foliage which may require retreatment. Delay mowing, clipping, tilling, planting or sodding of treated areas for at least 7 day after application. This allows time for this product to move within the plant for most effective results. SINCE THIS PRODUCT DOES NOT WORK IN SOIL, RETREATMENTS WILL BE NECESSARY TO CONTROL NEW WEEDS EMERGING FROM SEED.

One application will control most weeds listed. Symptoms on certain tough perennial weeds and woody brush and tree species may be slow to develop. If control is not achieved within 4 weeks, allow time for the sprayed weeds to regrow and make a repeat application. In some cases, control of woody brush and trees treated in the fall may not be fully apparent until the following season.

**LAWN RENOVATION**

Best results are obtained when at least one mowing is skipped prior to treatment. This provides more leaf surface to intercept the spray. For areas where renovation and reseeding is desired, thorough spray coverage of all existing vegetation is necessary. Delay planting or sodding of treated areas for at least 7 days after application.

**ORNAMENTALS**

Any ornamental species may be planted in treated areas 7 days or more after application. Apply this product as recommended to control undesirable plants. To avoid injury on desirable plants, prevent spray or drift contact with foliage, stems or green bark. Do not spray into or over the top of growing ornamentals.

**HAND-HELD SPRAYERS**

Add 3 to 6 fluid ounces (6 to 12 tbsp.) of this product to 1 gallon of clean water. Use the higher recommended rate for control of listed perennials and brush. Use pump-up-type or hand-trigger-type sprayers. USE OF HOSE-END SPRAYERS OR SPRINKLER-TYPE DEVICES MAY RESULT IN POOR AND/OR ERRATIC RESULTS.

**CLEANING EQUIPMENT**

Triple-rinse spray tank and flush all sprayer components with water to remove residues of this product. After thorough cleaning, equipment may be used to apply other products. \*\*\*\*Ensure uniform and complete spray coverage, but do not spray plants to the point that the spray solution runs off. Use a coarse spray. Do not spray during windy conditions, as spray drift may cause damage to any vegetation contacted.

**STORAGE AND DISPOSAL**

**STORAGE:** to be stored in original container and placed in an 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, 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 responsibility for safety and use not in strict accordance with directions. (RV 042503)

**OPTIONAL MARKETING LANGUAGE**

Kills the root

Treated areas can be re-seeded 7 days after application

[Illustration] Weeds

[Stop sign icon] READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.