

228-178

04/28/2006

DA 3/30/06



Please read instructions on reverse before completing form.

Copy to Maureen Sherwin

Form Approved. OMB No. 2070-0060

	United States	<input type="checkbox"/> Registration	OPP Identifier Number
	Environmental Protection Agency	<input type="checkbox"/> Amendment	
	Washington, DC 20460	<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company/Product Number 228-178	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Triamine Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas, Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 <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 to the product for which the notification and labeling to: NOTIFICATION EPA Reg. No. _____ APR 28 2006 Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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 PRN 95-2 and 98-10, see cover letter for detailed explanation. This notification is consistent with the provisions of PR Notice 95-2 and 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 false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 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	If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt. No. per 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		3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued 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) 630.455.2017
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 Registration Manager	
4. Typed Name George Meindl	5. Date 3/29/2006	

2/7

Clean

NOTIFICATION
APR 28 2006

Riverdale® TRIAMINE®

A THREE-WAY POST-EMERGENT SELECTIVE BROADLEAF HERBICIDE CONTAINING THE AMINES OF 2,4-D, MECOPROP-p AND DICHLORPROP-p.
FOR USE ON GOLF COURSES, PARKS, HIGHWAYS, ORNAMENTAL TURF LAWNS AND SIMILAR NON-CROP AREAS. KILLS DANDELIONS, CHICKWEEDS, PLANTAINS, OXALIS, SPURGE AND MANY OTHER BROADLEAF WEEDS, SOME OF WHICH ARE LISTED ON THIS LABEL.

GET THE OPTICAL ADVANTAGE®

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	16.3%
Dimethylamine Salt of (+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid** ‡	8.2%
Dimethylamine Salt of (+)-R-2-(2,4-Dichlorophenoxy)propionic Acid***	8.1%

OTHER INGREDIENTS:	<u>67.4%</u>
TOTAL:	100.0%

Isomer Specific Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	13.6%, 1.24 lbs./gal.
**(+)-R-2-(2-Methyl-4-Chlorophenoxy)propionic Acid	6.8%, 0.62 lbs./gal.
***(+)-R-2-(2,4-Dichlorophenoxy)propionic Acid	6.8%, 0.62 lbs./gal.

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

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(if you do not understand the label, find someone to explain it to you in detail.)

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-178
EPA EST. NO. 228-IL-1

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



NET CONTENTS GALS.

000228-00178.20060210.clean

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER - PELIGRO**

Corrosive, causes irreversible eye damage. May be fatal if absorbed through skin. Harmful if swallowed or inhaled. Avoid breathing vapors or spray mist. Do not get in eyes, on skin or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wear face shield, goggles or safety glasses, and long pants, long-sleeved shirt, socks, shoes and chemical-resistant gloves when mixing, loading or applying this product. It is recommended that safety glasses include front, brow and temple protection. Wash nondisposable gloves thoroughly with soap and water before removing. 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 to turf 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	
IF IN EYES	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

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 used for irrigation or domestic purposes. If spill occurs, 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 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. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

GENERAL INFORMATION

This product is a stable solution containing a mixture of three herbicides. It is nonflammable. It is for use on Ornamental Turf Lawns (Residential, Industrial and Institutional), Parks, Cemeteries, Athletic Fields and Golf Courses (Fairways, A.P.C.N.S, Tees and Roughs) and similar turf areas. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

USE PRECAUTIONS

ADDITIONAL PRECAUTIONS FOR INDUSTRIAL APPLICATIONS

When mixing, loading or applying this product or repairing or cleaning equipment used with this product, wear face shield, goggles or safety glasses, and chemical-resistant gloves, long-sleeved shirt, long pants, socks and shoes. It is recommended that safety glasses include front, brow and temple protection. For aerial applicators in an enclosed cockpit and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required. Wash hands, face and arms with soap and water as soon as possible after mixing, loading or applying this product. Wash hands, face and arms with soap and water before eating, smoking or drinking. Wash hands, face and arms before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous day's mixing and loading or application of this product without cleaning first. Clothing must be kept and washed separately from other household laundry.

CARE MUST BE TAKEN TO AVOID DRIFT OF SPRAY MISTS TO NON-TARGET susceptible plants such as cotton, vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants. Do not spray near these plants. Do not spray on carpetgrass, dichondra, nor on grasses where desirable clovers are present. Except as noted, use a lawn type sprayer with coarse spray as wind drift is less likely. Avoid fine mists. Do not spray exposed roots of desirable plants. Use the higher rate for hard-to-kill weeds. Do not exceed specified application dosages for any area. Do not apply to newly seeded grasses until well established. Avoid applying during excessively dry or hot periods unless irrigation is used. Avoid broadcast applications when air temperature exceeds 90 degrees. When using small, spot treatment applications in temperature over 90 degrees, turf injury may occur.

When treating Carpetgrass and St. Augustine grass, avoid broadcast applications when air temperature exceeds 80 degrees. When air temperatures exceed 80 degrees, limit application to spot treatment only.

For optimum results, (1) turf should not be mowed 1 to 2 days before and following application; (2) do not apply if rainfall is expected within 48 hours; nor should lawns be irrigated (watered) for 48 hours following application. 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. Failure to observe the above precautions may result in injury.

This product can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizers and liquid iron differ in pH, free ammonia content, density, salt concentration, and percentage of water, a compatibility test is recommended prior to mixing in the application equipment. All regulations, either State or Federal, relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed.

WEEDS CONTROLLED

Maximum kill of weeds will be obtained by applying in spring and early fall when weeds are actively growing.

Alder	Clover	Hemp	Pennywort
Alligatorweed	Cockle	Henbit	Peppergrass
American lotus	Cocklebur	Hoary cress	Pepperweed
Arrowhead	Coffeebean	Honeysuckle	Pigweed
Artichoke	Coffeeweed	Horsetail	Plantain
Aster	Common sowthistle	Indigo	Poison hemlock
Austrian fieldcress	Creeping jenny	Indiana mallow	Poison ivy
Beggartick	Croton	Ironweed	Poison oak
Biden	Curly indigo	Jewelweed	Pokeweed
Bindweed	Dandelion	Jimsonweed	Poorjoe
Bitterweed	Dock	Kochia	Povertyweed
Bitter winter cress	Dogbane	Knotweed	Prickly lettuce
Black medic	Dogfennel	Lambsquarter	Primrose
Blessed thistle	Duckweed	Locoweed	Puncture vine
Blue lettuce	Elderberry	Lupine	Purslane
Box elder	English daisy	Mallow	Ragweed
Broomweed	Flea bane (daisy)	Marshelder	Red clover
Buckhorn	Flixweed	Mexicanweed	Red sorrel
Bull thistle	Florida pusley	Morningglory	Rush
Bulrush	Frenchweed	Musk thistle	Russian thistle
Burdock	Galinsoga	Mustard	Sagebrush
Bur ragweed	Goatsbeard	Nettle	St. Johnswort
Buttercup	Goldenrod	Nutgrass	Sheep sorrel
Canada thistle	Ground ivy	Orange hawkweed	Shepherdspurse
Carpetweed	Gumweed	Oxalis	Sicklepod
Catnip	Hawkweed	Parrot feather	Smartweed
Chickweed	Healall	Parsnip	Sneezeweed
Chicory	Heartleaf drymary	Pennycress	Southwestern wild rose

5/7

Sowthistle	Tarweed	Water plantain	Wild strawberry
Spanishneedle	Thistle	Water primrose	Wild sweet potato
Spatterdock	Toadflax	Water shield	Willow
Speedwell	Tumbleweed	Wild aster	Witchweed
Spurge	Velvet leaf	Wild carrot	Woodsorrel
Spunweed	Veronica	Wild garlic	Wormseed
Stinkweed	Vervain	Wild geranium	Yarrow
Stitchwort	Vetch	Wild lettuce	Yellow rocket
Sumac	Virginia creeper	Wild onion	Virginia buttonweed and other broadleaf weeds.
Sunflower	Water hyacinth	Wild radish	
Sweet clover	Water lily		

ORNAMENTAL LAWNS AND TURF

Cool Season Grasses - such as bluegrass, fescue, and rye: Apply this product at a rate of 3 to 4 pints per acre in sufficient water for good coverage, 40 to 80 gallons of water per acre (1 to 2 gallons of water per 1,000 square feet is normal). For small lawns, apply 5 to 7 teaspoons in 1 gallon of water per 1,000 square feet.

Warm Season Grasses - such as St. Augustine, bahia, common Bermuda, centipede and zoysia grasses: Apply this product at a maximum rate of 2 to 3 pints in up to 150 gallons of water per acre (2/3 to 1-1/3 oz. in 3 gallons of water per 1,000 sq.ft.). Do not spray St. Augustine, common Bermuda or centipede grasses if stressed from heat, drought, etc. Slight turf yellowing should disappear after about 1 week. Exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy. Note: Some hybrid Bermuda grasses may be sensitive to this product. Contact your local extension service weed control specialist.

Bentgrass Turf: On closely mowed bentgrass, other than golf course greens and tees, apply this product at a maximum rate of 2/3 ounce in 3 gallons water per 1,000 square feet (1-3/4 pints per acre) in May or mid-August through September when weeds are actively growing. Exercise care when applying to avoid overdosing bentgrass or turf injury may result. Slight turf yellowing should disappear after about 1 week.

Low-Volume Applicator: When using a Low-Volume Applicator (such as Lawn Doctor's "Turf Tamer") apply this product at a rate of 3 to 4 pints per acre (1.1 oz. to 1.5 oz. in 1/2 gallon of water per 1,000 sq. ft.).

Herbi™ Controlled Droplet Applicator: Add 2 pints of this product to the 5 pint Herbi bottle, then fill with 3 pints of water, or 2-1/2 pints of water and 1/2 pint of a surfactant while agitating the solution. For warm season grasses, apply 1-1/2 pints of this product to 3-1/2 pints of water. While walking at approximately 1 pace (3 feet) per second; spray entire contents over 33,000 square feet (3/4 of an acre). Do not overlap (double coverage) at edge of spray patterns. Reduced rates (use 1/2 of rate shown above) of this product must be applied when grass is stressed from heat, drought, etc.

Herbi™ is a trademark of North American Micron.

Roadsides (including aprons and guardrails), Rights-of-way, and other similar non-crop areas: For the control of broadleaf weeds, mix at a rate of 1/3 to 1 gallon of this product per 50 to 300 gallons of water. This mixture will cover 43,500 sq. ft. Thoroughly saturate all weeds with spray mixture. Apply anytime between the time when plants come into full leaf (spring) to when the plants begin to go dormant. Best results are obtained when weeds are young and actively growing. Do not cut weeds until herbicide has translocated throughout the plant causing root death. For small broadleaf weeds, use the lower rate. Heavy, dense stands require the higher rate with high water volume. For small (spot) applications with small tank sprayers, apply at the rate of 4 ounces of this product per gallon of water and spray to thoroughly wet all foliage.

For control of woody plants: Apply to both stems and foliage anytime from the time foliage is completely matured until the time plants start to go dormant. All leaves, stems and suckers must be completely wet to the ground line for effective control. Regrowth may be anticipated on the more resistant species. Add 1 to 1-1/2 gallons of this product to 100 gallons of water applying 200 to 600 gallons of spray mixture per 43,500 sq. ft. depending upon the height and thickness of the brush. Mix thoroughly before spraying.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Always use original container to store pesticides in a secured warehouse or storage building. Store at temperatures above 32°F. If allowed to freeze, remix before using. This does not alter this product. Containers should be opened in a well-ventilated area. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high. Do not store near open containers of fertilizer, seed, or other pesticide.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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. Improper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance.

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. Plastic containers are also disposable by incineration, or if allowed by State and local authorities by burning. If burned, stay out of include front, brow and temple protection. Wash nondisposable gloves thoroughly.

6/7

WARRANTY

Seller warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixtures with other chemicals and factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

(RV021006)

Riverdale, Triamine and The Optical Advantage are Registered Trademarks of Nufarm Americas Inc.

7/7



Nufarm Americas, Inc.
George Meindl
Registration Manager
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527
Phone: 630.455-2017 Fax: 630.455.2030
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March 29, 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: Triamine® Herbicide
EPA Reg. No. 228-178
Label notification per PR98-10 and PR95-2

Dear Ms. Hobgood:

Nufarm Americas, Inc would like to make label changes to the subject registration. We feel that these label changes are permitted and consistent with PRN95-2 section II (Notifications) part A (Labeling) subsection 4 (Revising Advisory Statements) and PRN98-10 section II (Labeling Notifications) part D (Adding Advisory Statements).

Specifically we have replaced the following sentence " Do not spray when air temperature exceeds 90°F" with the following 2 sentences "Avoid broadcast applications when air temperature exceeds 90 degrees. When using small spot treatment applications in temperatures over 90 degrees, turf injury may occur." We have also added in a separate paragraph with the following two advisory statements: "When treating Carpetgrass and St. Augustine grass, avoid broadcast applications when air temperature exceeds 80 degrees. When air temperatures exceed 80 degrees, limit application to spot treatment only."

The applicators of this product have told us the current wording was incomplete and confusing. We feel the suggested changes gives the applicator a clearer understanding on how to use this product in the most efficacious manner possible. These changes also support Nufarm's product stewardship initiatives and overall responsible care efforts.

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 630.455.2017 or email at george.meindl@us.nufarm.com.

Sincerely,

George Meindl
Registration Manager
Nufarm Americas, Inc.