

62719-257

08/15/1996

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20480

Registration
 Amendment
 Other

OPP Identifier Number
213031

Application for Pesticide - Section I

1. Company/Product Number DowElanco/62719-257	2. EPA Product Manager Robert Taylor	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DowElanco/Turflon* Amine	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) DowElanco 9330 Zionsville Rd. Indpls, IN 46268 <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 _____
<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.

NOTIFICATION
AUG 15 1996

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

1. At the request of CDPR, the specific reference to surfactants such as Ortho X or Tronic to improve spray coverage and Nalco-Trol to reduce spray drift were deleted and replaced with a generic recommendation for use of a nonionic surfactant and spray thickening agent, respectively.

See Attached Registration Notes

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		<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" 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 Steve A. McMaster	Title Product Registration Manager	Telephone No. (Include Area Code) (317)337-4670
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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 Product Registration Manager	
4. Typed Name Steve A. McMaster *Turflon Amine herbicide is a trademark of DowElanco	5. Date July 2, 1996 JEM 7/2/96	

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Turflon* Amine
EPA Reg. No. 62719-257

Registration Notes:

Current label text based on EPA-accepted copy dated 02/17/94.

Proposed Label changes by Notification: (in response to specific request by California Dept. of Pesticide Regulation CDPR.)

1. At the request of CDPR, the specific reference to surfactants such as Ortho X-77 or Tronic to improve spray coverage and Nalco-Trol to reduce spray drift were deleted and replaced with a generic recommendation for use of a nonionic surfactant and spray thickening agent, respectively.

Text in affected sentences was edited as follows:

The recommended order of addition to the spray tank is water, ~~Nalco-Trol~~ spray thickening agent (if used), additional herbicide (if used), and Turflon Amine.

To improve spray coverage, add ~~an agricultural surfactant (such as Ortho X-77 or Tronic)~~ a non-ionic surfactant at a rate of 1/4 to 1 pint per acre.

*Trademark of DowElanco

[Editor's Note: Added text underlined; deleted text denoted by strike-through]

NOTIFICATION
AUG 15 1996

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**Registration Notes for Previous Labeling Actions:
Turflon* Amine
EPA Reg. No. 62719-257**

Final Printed Labeling: Label text based on EPA-accepted copy dated 04/29/93 and EPA-accepted WPS revisions dated 02/17/94.

Revisions:

1. This product was removed from the scope of the Worker Protection Standard and because the product had the same registration number as certain other products within the scope of the WPS, a new registration number was required.

As per EPA conditions of acceptance, the following changes were made to final printed labeling:

1. Added new registration number to the product label.

Final Printed Labeling: Label text based on EPA-Accepted copy dated 04/26/93.

1. Precautionary Statements for all products with Reg. No. 62719-37 (Garlon 3A, Redeem* and Turflon Amine) revised so that precautionary statements and First Aid statements are the same for each product. All products containing 44.5% triclopyr triethylamine salt will now reflect the same precautionary language.

EPA Approvals dated 04/17/91 and 01/23/92:

1. Label edited to reflect DowElanco transfer.
2. Revised Precautionary Statements and Storage and Disposal statements.
3. Adjusted spray volumes to 20 to 200 gallons per acre.

NOTIFICATION

*Trademark of DowElanco

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(Base Label)

(Logo) DowElanco

Turflon* Amine

For the control of annual and perennial broadleaf weeds in ornamental turf

Active Ingredients:

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt.....	44.4%
Inert Ingredients.....	55.6%
Total.....	100.0%

Acid Equivalent: triclopyr - 31.8% - 3.0 lb/gal

NOTIFICATION

Keep Out of Reach of Children

DANGER PELIGRO

Precaucion Al Usuario: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER PELIGRO

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed, Inhaled Or Absorbed Through The Skin • Prolonged Or Frequently Repeated Skin Contact With Herbicide Concentrate May Cause An Allergic Skin Reaction In Some Individuals

Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses, and rubber gloves when handling concentrate. Wear protective clothing when handling due to corrosive effects on the skin and eye. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

First Aid

If in eyes: Hold eyelids open and flush with a steady gently stream of water for 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If swallowed: Call a physician or poison control center. Promptly drink a large quantity of milk, egg whites or gelatin solution, or if these are not available, drink large quantities of water. Do not induce vomiting. Avoid alcohol.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Note to Applicator: Allergic skin reaction is not expected from exposure to spray mixtures of Turflon Amine herbicide when used as directed.

Environmental Hazards

Keep out of lakes, streams or ponds. Do not apply directly to water, 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.

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Directions for Use

It is a violation of Federal Law to use this product in manner inconsistent with its labeling.
Read All Directions Carefully Before Applying.

Storage And Disposal

Do not contaminate water, food or feed by storage or disposal. **Open dumping is prohibited.**

Storage: Store above 28°F or agitate before use.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these cannot be used 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 for Refillable Containers Seal all openings which have been opened during use. Return the empty container to a collection site designated by DowElanco. If the container has been damaged and cannot be returned according to the recommended procedures, contact DowElanco Customer Service Center at 1-800258-1470 to obtain proper handling instructions.

Container Disposal (Metal): Do not reuse container. 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.

Container Disposal (Plastic): Do not reuse container. Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

General: Consult federal, state, or local disposal authorities for approved alternative procedures.

Refer to label booklet for additional precautionary information and Directions for Use.

Notice: Read the entire label. Use only according to label directions. **Before buying or using this product, read Warranty Disclaimer and Limitation of Remedies sections elsewhere on this label.**

In case of emergency endangering health or the environment involving this product, call collect 517-636-4400
Agricultural Chemical: Do not ship or store with food, feeds, drugs, or clothing.

EPA Reg. No. 62719-257

EPA Est. 464-MI-1

*Trademark of DowElanco
DowElanco • Indianapolis, IN 46268 U.S.A.

Herbicide**Net Contents - XX Gallons**

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(Label Booklet)

(Logo) DowElanco

Turflon* Amine

For the control of annual and perennial broadleaf weeds in ornamental turf

Active Ingredients:

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid,
triethylamine salt..... 44.4%

Inert Ingredients..... 55.6%

Total..... 100.0%

Acid Equivalent: triclopyr - 31.8% - 3.0 lb/gal

Keep Out of Reach of Children

DANGER

PELIGRO

Precaucion Al Usuario: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

Refer to label booklet for additional precautionary information and Directions for Use including Storage and Disposal

Notice: Read the entire label. Use only according to label directions. **Before buying or using this product, read Warranty Disclaimer and Limitation of Remedies sections elsewhere on this label.**

In case of emergency endangering health or the environment involving this product, call collect 517-636-4400
Agricultural Chemical: Do not ship or store with food, feeds, drugs, or clothing.

EPA Reg. No. 62719-257

EPA Est. 464-MI-1

*Trademark of DowElanco

DowElanco • Indianapolis, IN 46268 U.S.A.

Herbicide

Net Contents - XX Gallons

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Precautionary Statements

Hazards to Humans and Domestic Animals**DANGER****PELIGRO**

Corrosive • Causes Irreversible Eye Damage • Harmful If Swallowed, Inhaled Or Absorbed Through The Skin • Prolonged Or Frequently Repeated Skin Contact With Herbicide Concentrate May Cause An Allergic Skin Reaction In Some Individuals

Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses, and rubber gloves when handling concentrate. Wear protective clothing when handling due to corrosive effects on the skin and eye. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

First Aid

If in eyes: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If swallowed: Call a physician or poison control center. Promptly drink a large quantity of milk, egg whites or gelatin solution, or if these are not available, drink large quantities of water. Do not induce vomiting. Avoid alcohol.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Note to Applicator: Allergic skin reaction is not expected from exposure to spray mixtures of Turflon Amine herbicide when used as directed.

Environmental Hazards

Keep out of lakes, streams or ponds. Do not apply directly to water, 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.

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Directions for Use

It is a violation of Federal law to use this product in manner inconsistent with its labeling.
Read All Directions Carefully Before Applying.

Storage And Disposal

Do not contaminate water, food or feed by storage or disposal. **Open dumping is prohibited.**

Storage: Store above 28°F or agitate before use.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these cannot be used 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 for Refillable Containers Seal all openings which have been opened during use. Return the empty container to a collection site designated by DowElanco. If the container has been damaged and cannot be returned according to the recommended procedures, contact DowElanco Customer Service Center at 1-800258-1470 to obtain proper handling instructions.

Container Disposal (Metal): Do not reuse container. 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.

Container Disposal (Plastic): Do not reuse container. Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

General: Consult federal, state, or local disposal authorities for approved alternative procedures.

General Information

Turflon Amine herbicide is recommended for the control of annual and perennial broadleaf weeds actively growing in tall fescue, perennial bluegrass or perennial ryegrass ornamental turf.

General Use Precautions

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Apply this product only as specified on this label.

Do not use for manufacturing or formulating.

Before using any tank mixtures, read the directions and all use precautions on both labels.

Do not apply Turflon Amine directly to, or otherwise permit it to come into direct contact with grapes, tobacco, vegetable crops, flowers, or other desirable broadleaf plants. Do not permit spray mists containing Turflon Amine to drift onto such plants.

Avoid injurious spray drift: Applications should be made only when there is little or no hazard from spray drift. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured.

In handgun applications, drift can be reduced by using low pressure Teejet flat fan, raindrop, or other drift controlling nozzles. Standard flat fan nozzles may also be used at not more than 20 psi. At this pressure, the spray pattern may be narrower.

With ground broadcast equipment, drift can be reduced by keeping the spray boom as low as possible; by applying no less than 20 gallons of spray per acre; by using no more than 20 pounds spraying pressure with flat fan or flooding fan tips; and by spraying when wind velocity is low.

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Do not apply to ditches used to transport irrigation water. Do not apply where runoff or irrigation water may flow onto susceptible crops.

Do not graze treated areas or feed treated for age for one year following application.

Chemigation: Do not apply this product through any type of irrigation system.

Be sure that use of this product conforms to all applicable regulations.

Among the annual and perennial broadleaf weeds controlled are:

bindweed	field bindweed	smartweed
burdock	ground ivy	tansy ragwort
Canada thistle	lambsquarters	vetch
chicory	oxalis	wild lettuce
curly dock	plantain	wild violet
dandelion	ragweed	

Mixing Instructions:

Use Turflon Amine at rates of 1/2 to 2 quarts per acre to control broadleaf weeds. In all cases, use the amount specified in enough water to give uniform and complete coverage to the plants to be controlled. Use only water suitable for spraying. The recommended order of addition to the spray tank is water, ~~Naleo-Trel~~ spray thickening agent (if used), additional herbicide (if used), and Turflon Amine. If combined with emulsifiable concentrate herbicides, moderate continuous adequate agitation is required.

Before using any tank mixtures, read the directions and all use precautions on both labels.

Application Directions

Broadcast Treatment of Ornamental Turf

Foliage sprays should be applied during warm weather, early spring through fall, when weeds are actively growing. Broadleaf weed species germinate at different times before being treated. Only emerged weeds present at the time of application will be controlled. Application under drought conditions may provide less than desirable results. Use low spray pressures to minimize spray drift (see General Use Precautions). When hard-to-control species are prevalent and during applications made in late summer when the plants are mature and during drought conditions, use the higher rates.

Apply 1/2 to 2 quarts of Turflon Amine in 20 to 200 gallons of water per acre to control broadleaf weeds actively growing in tall fescue, bluegrass or perennial ryegrass turf.

Make application using equipment that will assure uniform coverage of the spray volumes applied. **To improve spray coverage, add an agricultural surfactant (such as Ortho X-77 or Tronic) a non-ionic surfactant to the spray mixture at a rate of 1/4 to 1 pint per acre. Use the higher rates of surfactant for lower rates of product and lower spray volumes.**

Precautions:

Do not use on other species, such as bentgrass or St. Augustinegrass, unless injury can be tolerated.

To minimize grass injury, do not treat if grass is under heat or drought stress, and repeat applications should be made at least four weeks apart.

Apply Turflon Amine in a manner to avoid contacting nearby susceptible crops or other desirable plants. Very small amounts of spray drift may injure susceptible plants, including ornamental trees and shrubs.

Do not apply to exposed roots of shallow rooted trees or shrubs.

Newly seeded turf should be mowed two or three times before being treated. Do not water for 24 hours after application. Do not reseed for 3 weeks after application.

Warranty Disclaimer

DowElanco warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. DowElanco MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks Of Use

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of DowElanco of the seller. All such risks shall be assumed by buyer.

Limitation Of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at DowElanco's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used

DowElanco shall not be liable for losses or damages resulting from handling or use of this product unless DowElanco is promptly notified of such loss or damage in writing. In no case shall DowElanco be liable for consequential or incidental damages or losses. The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of DowElanco of the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

*Trademark of DowElanco

EPA-Accepted 02/17/94

DowElanco
9330 Zionsville Road
Indianapolis, IN 46268-1054

308/2E
July 2, 1996

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U. S. Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202



TURFLON AMINE
EPA REGISTRATION NUMBER: 62719-257
NOTIFICATION IN RESPONSE TO SPECIFIC REQUEST BY CALIFORNIA
DEPARTMENT OF PESTICIDE REGULATION (CDPR) PER PR NOTICE 95-2

Enclosed please find labeling for this notification action for Turflon[®] Amine herbicide. This notification is at the request of CDPR, that the specific reference to surfactants such as Ortho X-77 or Tronic to improve spray coverage and Nalco-Tri to reduce spray drift be deleted and replaced with a generic recommendation for use of a nonionic surfactant and spray thickening agent.

This notification is consistent with the provisions of PR Notice 95-2 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 95-2 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.

Contents of Submission

- Transmittal document (this letter)
- Application for Pesticide, EPA Form 8570-1 (OPP No. 243081) with attached Registration Notes dated 6/03/96
- Label entitled Turflon Amine (L1A/Turflon Amine/Notif/06-03-96) with marked changes. (pages 1-7) (1 copy)

If you require further information, please contact me at the number listed below or Ms. Terry Fults, Registration Assistant for this product, at (317) 337-4675.

Sincerely,

A handwritten signature in black ink that reads "Steve A. McMaster".

Steve A. McMaster
Product Registration Manager
U.S. Regulatory, Toxicology and
Environmental Chemistry
(317) 337-4670
(317) 337-4649 (FAX)

SAM/taf
Enclosures

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