

Reg # 70-180

PM-19

198
7.16



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

10/18/93

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Joann Striebich
WILBUR-ELLIS COMPANY
P. O. Box 16458
Fresno, CA 93755

SUBJECT: Label Amendment Submission of 10/29/93 in Response to PR Notice 93-7
EPA Reg. No. 70-180
DURBAN LAWN & ORNAMENTAL INSECT SPRAY

Dear Registrant:

After review of the labeling cited above and submitted in connection with PR Notice 93-7, EPA has determined that the use-deletions and/or exclusionary statements you propose do NOT completely remove this product from the scope of PR Notice 93-7 and, unless further deletions are proposed or appropriate exclusionary statements are added, alterations to the label are necessary to reflect the requirements of the Worker Protection Standard. Therefore your proposed labeling is being returned to you.

To assist you in determining what further deletions or exclusionary statements would be needed to completely remove the product from the scope of PR Notice 93-7:

- the uses that are still within the scope of PR Notice 93-7 are circled on the label that is being returned to you,
- any exclusionary statement(s) needed for this product are circled on the enclosed sheet.

After you have corrected your labeling as directed in PR Notice 93-7, resubmit your entire package to the postal box shown below, which should be only used for responses sent via the U.S. Postal Service:



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

298

Page 2

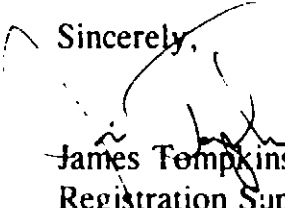
U.S. EPA: Worker Protection Standard
P.O. Box 9800
McLean, VA 22102

If you prefer to deliver your resubmission via private courier, send your responses to:

U.S. EPA: Worker Protection Standard
c/o NCI Information Systems
8260 Greensboro Drive, Suite 400
McLean, VA 22102

If you wish to discuss this determination in regards to the scope of PR Notice 93-7 or have additional questions, please contact your Product Manager.

Sincerely,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Enclosures

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

WARNING

May be fatal if swallowed. May be fatal if absorbed through skin or clothing. Avoid breathing vapors. Wash thoroughly after handling. Do not wear contaminated clothing. Keep away from food, feedstuffs and water supplies.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately. If On Skin: In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If In Eyes: Flush eyes with plenty of water. Call a physician. Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, birds, and other wildlife. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water by cleaning of equipment or disposal of waste.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS Do not use or store near heat or open flame.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Store in original container in a cool, dry location away from heat, flame, direct or indirect sunlight. Do not reuse empty container. Wrap container and put in trash collection.



NET CONTENTS ONE PINT

Manufactured by RIGO COMPANY, BUCKNER, KENTUCKY 40012

"B"

PROTECTS BEST

DURSBAN

LOWERING COSTS, MAXIMIZING INSECTICIDAL EFFICACY



ACTIVE INGREDIENTS: Chlorpyrifos 10.0, Dethif D 13.5, B Incho 2 pyridyl phosphorothioate 27.5, Arginate (salt) of thallate solvent 42.5. **TOTAL INGREDIENTS 93.5. TOTAL 100.0.**

Contains 2 percent of chlorpyrifos in aallon.
® Trademark of The Dow Chemical Company.

EPA Reg. No. 70-180
EPA Est. No. 70-KY-1

WARNING
KEEP OUT OF REACH OF CHILDREN

See Side Panel for Additional Precautionary Statements



"A"

ACCEPTED
with COMMENTS
In EPA Letter Dated

18 1981
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
70-180

BEST AVAILABLE COPY

ATTACHMENT I

A. ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	22.4%
Inert ingredients*	77.6%
Total	<u>100.0%</u>

Contains 2 pounds of chlorpyrifos per gallon
* Contains Aromatic Petroleum Derivative Solvent

B. Rigo Company
A Division of Wilbur-Ellis Company
Buckner, Kentucky 40010

BEST AVAILABLE COPY

RIGD'S BEST

DURSBAN

LAWN & ORNAMENTAL
INSECTICIDE SPRAY

Controls Numerous Pests of
Turf and Ornamental Plants.
Also controls Fire Ants when
used as a mound drench.

SEE CONTAINER LABEL FOR
INGREDIENTS STATEMENT AND
COMPLETE PRECAUTIONARY
STATEMENTS, INCLUDING
STATEMENT OF PRACTICAL
TREATMENT

READ ENTIRE LABEL

DIRECTIONS FOR USE

2365-8105

BEST AVAILABLE COPY

618

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling

PESTS OUT-OF-DOORS

General Information Use this insecticide for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants for area control of ticks and chiggers and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests on Outside Surfaces of Buildings Use product at the rate of 2 1/2 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sowbugs, spiders and ticks by application as a residual spray or with a paint brush to outside surfaces of buildings including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipedes, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 1 pint of product per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq. ft. to thoroughly and uniformly wet the band area.

Pests of Lawns and other Ornamental and Recreational Turf Grass Areas Use product to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute product in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low-pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist at time of treatment.

Pests of Ornamentals: Use this insecticide to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with pests listed in the following table. Dilute

product with water according to directions given in the table and apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage. For best results apply a wetting spray to both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed.

NOTE - Do not use on azaleas, camellias, poinsettias, rose bushes, or variegated ivy because of possible injury to these plants.

Dogwood Borer: Apply product to the trunks and lower limbs of dogwood trees when the adults begin to emerge. Consult your State Agricultural Experiment Station or Extension Service specialist for proper time to treat in your area. Mix at the rate of two quarts of product in 100 gallons of water and apply uniformly on trees as a coarse, low-pressure spray.

DOSAGES AND DIRECTIONS FOR USE ON TURF

Pest	Dosage	
	DURSBAN LAWN AND ORNAMENTAL INSECT SPRAY per 1000 sq. ft.	
		Remarks
Ants	1 1/2 fl. oz.	Spray when pests first appear; retreat when needed. For sod webworms delay watering or mowing the treated area for 12 to 14 hours after treatment.
Armyworms		
Chiggers		
Chinch bugs		
Clover mite		
Crickets		
Cutworms		
Earwigs		
Fleas		
Grasshoppers		
Sod webworms		
Ticks		
Turfgrass (Hyperodes) weevil	3 fl. oz.	Spray suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service specialist in your area.

BEST AVAILABLE COPY

Use 1/2 pint per 50 gallons

1 quart in 50 gallons

738

DOSAGES AND DIRECTIONS FOR USE ON TURF

Dosage
DURSBAN LAWN AND ORNAMENTAL
INSECT SPRAY

Pest	Dosage per 1000 sq. ft.	Remarks
White grubs (European chafar and Japanese beetle larvae only)	3 to 6 fl. oz.	For white grubs spray when grubs are young and actively feeding near the soil surface usually during late July and August or as recommended by your local Agricultural Extension Service specialist for your area. Immediately after spraying irrigate the treated area with 1/2 to 1 inch of water to wash the insecticide in the underlying soil.
Bluegrass billbug	3 to 6 fl. oz.	Spray early in the season when adults first appear. Retreat when needed.

1 1/2 fl. oz. per 1000 sq. ft. - 7 1/2 fl. oz. per 5000 sq. ft. - 1 pint per 10,700 sq. ft. - 2 quarts - per acre.

Peach Tree Borer. Apply product to flowering trees and shrubs of the Genus Prunus in water as a trunk spray before newly hatched larvae enter the trees. Apply as a coarse, low-pressure spray. Thoroughly wet all bark areas from ground level to scaffold limbs. Consult your State Agricultural Experiment Station or Extension Service specialist for proper time to treat in your area.

NOTE: Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.

Attention (Lawn and Ornamental Plant Pests): Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water.

Native Elm Bark Beetle: Prevention of Overwintering. To prevent the adult beetle from overwintering in uninfected trees and to reduce beetle population in disease tree areas, apply this insecticide as a 0.5% mixture of chlorpyrifos in water to the bottom 9 feet of the trunk.

Wet the trunk thoroughly but do not spray to runoff. Care should be taken to apply the spray right to the base of the root flare. Applications can be made with either a back pack mist blower or a hydraulic pressure sprayer from spring through to the early fall. Prevention of Branch and Twig Feeding on High Value Elm Trees. To reduce the twig and branch feeding on uninfected trees deemed to be high in value, apply a 0.5% chlorpyrifos water spray to the tree crown. Application should be made in the spring or early summer using a sprayer that will give thorough coverage to the tree crown.

Imported Fire Ant. Treatment of potted, containerized and balled and burlapped nursery stock. Use product to control imported fire ants in soil attached to roots of these plants by completely submerging the ball of soil in a tank containing product diluted at the rate of 8 fl. oz. per 100 gallons of water. Keep soil submerged until complete saturation has occurred, normally about 30 seconds. Wear rubber gloves, boots and apron during this operation.

Treatment of fire ant mounds. Apply product as a drench diluted at the rate of 1 fl. oz. (30cc) per 2 gallons of water. Gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). For best results apply in cool weather, 65-80 F, or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

4 fl. oz. per 50 gallons of water.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

		Amount of DURSBAN LAWN & ORNAMENTAL INSECT SPRAY in Water to Make		
Pests Controlled		3 gals.	10 gals.	100 gals. -
Aphids	Mites	0.5 fl. oz.	1.6 fl. oz.	1/4 pint -
Bagworms	Orangestriped oakworm			
Eastern tent caterpillar	Spittlebugs			
Fall webworm	Whitflies			
Grasshoppers	Yellownecked caterpillar			
Cutworms	Mimosa webworm	1.0 fl. oz.	3.2 fl. oz.	1 quart -
Leafhoppers	Redhumped caterpillar			
Mealybugs	Thrips (exposed)			

BEST AVAILABLE COPY

898

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled		Amount of DURSIBAN LAWN & ORNAMENTAL INSECT SPRAY in Water to Make		
		3 gals.	10 gals.	100 gals.
Ash borer	Scale crawlers	2 0 fl oz	6 4 fl oz	2 quarts + + +
Lilac borer	Oak lecanium			
Dogwood borer	Pine needle Tea			
	White peach			
Peach tree borer		5 8 fl oz	19 2 fl oz	6 quarts + + + + +

- ~~↳ Equivalent to 4 ounces of chlorpyrifos per 100 gallons~~
- ~~↳ Equivalent to 8 ounces of chlorpyrifos per 100 gallons~~
- ~~↳ Equivalent to 1 pound of chlorpyrifos per 100 gallons~~
- ~~↳ Equivalent to 3 pounds of chlorpyrifos per 100 gallons~~

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

Manufactured by
 RIGO COMPANY
 BUCKNER, KENTUCKY 40010

BEST AVAILABLE COPY