



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

JAN 2 2001

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Richard M. Miller
President
Prentiss, Inc.
C.B. 2000
21 Vernon Street;
Floral Park, NY 11001

Subject: Label Amendment:MOA
Prentox Dursban 2E Insecticide (chlorpyrifos).
EPA Reg. No. 655-466
Resubmission dated November 22, 2000, **acceptable with comments.**

Dear Mr. Miller:

The labeling referred to above submitted in connection with the chlorpyrifos June 2000 MOA, is acceptable with the following comments.

- 1)For the intended use sites under the product name add (**Exterior only**).
- 2) You must delete **porches and patios** from the industrial use site.

A stamped copy of the label "accepted with comments" is enclosed for your records.

You must submit three (3) copies of the final printed label prior to releasing the product for shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink that reads "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.

Chemist

Insecticide-Rodenticide Branch
Registration Division (7505C)

Prentox Chlorpyrifos 2E Insecticide
EPA Registration No. 655-466

Front Panel

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**ACCEPTED with COMMENTS
In EPA Letter Dated:**

KEEP THIS BOOKLET WITH CONTAINER AT ALL TIMES

JAN 2 2001



DURSBAN[®] 2E INSECTICIDE

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 655-466

For use on Golf Course Turf Only, Road Medians and Industrial Plant Sites (Exterior)

Contains 2 lbs. Chlorpyrifos per Gal.

ACTIVE INGREDIENT:

Chlorpyrifos [O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate] 24.6%

INERT INGREDIENTS: 75.4%

TOTAL: 100.0%

¹ Contains Xylene Range Aromatic Solvent
PRENTOX[®] - Registered Trademark of Prentiss Incorporated

**KEEP OUT OF REACH OF CHILDREN
WARNING — AVISO**

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 ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE INSIDE THIS BOOKLET

EPA REG. NO. 655-466

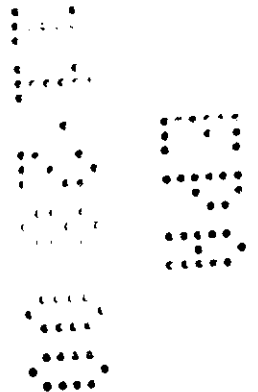
12/00

EPA EST. NO. 655-GA-1

Manufactured by:

PRENTISS INCORPORATED

Plant: Kaolin Road, Sandersville, GA 31082
Office: C.B. 2000 Floral Park, NY 11002-2000



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ACTIVE INGREDIENT:	
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INERT INGREDIENTS¹:	<u>75.4%</u>
TOTAL:	100.0%

*Contains Xylene Range Aromatic Solvent
PRENTOX² - Registered Trademark of Prentiss Incorporated

EPA REG. NO. 655-466

EPA EST. NO. 655-GA-1

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FIRST AID	
Have label with you when obtaining treatment advice.	
If swallowed	<ul style="list-style-type: none"> • Call a physician, Poison Control Center, or the National Pesticide Telecommunications Network at 1-800-858-7378 immediately for treatment advice. • Do not induce vomiting. Contains an aromatic petroleum solvent. • Do not give anything by mouth to an unconscious person.
If on skin	<ul style="list-style-type: none"> • Immediately wash with plenty of soap and water. • Call a physician, Poison Control Center, or the National Pesticide Telecommunications Network at 1-800-858-7378 immediately for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eyes open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. • Call a physician, Poison Control Center, or the National Pesticide Telecommunications Network at 1-800-858-7378 immediately for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Remove to fresh air if symptoms of cholinesterase inhibition appear. • Call a physician, Poison Control Center, or the National Pesticide Telecommunications Network at 1-800-858-7378 immediately for treatment advice.
<p>Note to physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance or exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.</p>	

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

May Be Fatal If Swallowed · Excessive Absorption Through Skin May Be Fatal · Causes Substantial But Temporary Eye Injury · Causes Skin Irritation

Do not get in eyes, on skin or clothing. Wear eye protection such as goggles, face shield, or safety glasses with front, brow, and temple protection. Handle concentrate in a ventilated area. Wear protective clothing and chemically resistant gloves when handling. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL & CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame. Do not cut or weld metal container.

DIRECTIONS FOR USE

Restricted Use Pesticide

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

Read all Directions for Use carefully before applying.

Do not formulate this product into other end-use products.

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

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

USE DIRECTIONS:

PESTS OUT-OF-DOORS General Information: Use Dursban 2E for control of certain pests on Golf Course Turf Only, Road Medians and Industrial Plant Sites (Exterior). Consult the following directions for dosage and application details to control the pests listed.

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

Pests on Exteriors of Industrial Plant Sites

Use Dursban 2E at the rate of 2.6 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, 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. Repeat treatment as needed to maintain effectiveness.

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

PESTS OF TURFGRASS AREAS (GOLF COURSES, ROAD MEDIANS AND INDUSTRIAL PLANT SITES ONLY): Use Dursban 2E to control the pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute Dursban 2E 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 treated area should be moist at time of treatment.

DOSAGES AND DIRECTIONS FOR USE ON TURF

PEST	Dosage Dursban 2E per 1000 square feet	REMARKS
Ants, armyworms, chiggers, chinch bugs, clover mite, crickets, cutworms, earwigs, fleas, grasshoppers, sod webworms, ticks	1.5* fl. oz.	Spray when pests first appear; retreat when needed. For sod webworms delay watering or mowing the treated area for 12 to 24 hours after treatment.

*1.5 fl. ozs. per 1000 sq. ft. = 7.5 fl. ozs. per 5000 sq. ft. = 1 pint per 10,700 sq. ft. = 2 qts. per acre.

PESTS OF ORNAMENTALS AROUND INDUSTRIAL PLANT SITES (EXTERIOR): Use Dursban 2E to treat flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute Dursban 2E with water according to directions given in the following 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 over-spraying 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.

USE PRECAUTIONS FOR PESTS ON GOLF COURSE TURF ONLY AND ORNAMENTALS AROUND INDUSTRIAL PLANT SITES (EXTERIOR): Do not enter or allow others to enter the treated area until sprays have dried.

WOOD BORING INSECTS INFESTING SHRUBS AND TREES SUCH AS Dogwood Borer, Lilac Borer, Ash Borer and Rhododendron Borer: Apply Dursban 2E to the trunks and lower limbs of trees and shrubs 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 Dursban 2E in 100 gallons of water and apply uniformly as a coarse low-pressure spray.

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.

NATIVE ELM BARK BEETLE: Prevention of Overwintering. To prevent the adult beetle from overwintering in uninfested trees and to reduce beetle populations in disease free areas, apply Dursban 2E Insecticide as a 0.5% mixture of dursban 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 uninfested trees deemed to be high in value, apply a 0.5% dursban 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.

TREATMENT OF FIRE ANT MOUNDS: Apply Dursban 2E as a drench diluted at the rate of 1 fluid ounce (30 cc) 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 foot diameter (12 square feet). 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.

DOSAGE AND DILUTIONS FOR USE ON ORNAMENTALS AROUND INDUSTRIAL PLANT SITES (EXTERIOR)

PESTS CONTROLLED	AMOUNTS OF DURSBAN 2E IN WATER TO MAKE		
	3 gallons	10 gallons	100 gallons
Aphids, bagworms, Eastern tent caterpillars, fall webworms, grasshoppers, mites, orange striped oakworm, spittlebugs, whiteflies, yellow necked caterpillar.	0.5 fl. oz.	1.6 fl. ozs.	1 pt.*
Cutworms, leafhoppers, mealybugs, mimosa webworm, red humped caterpillar, thrips (exposed)	1 fl. oz.	3.2 fl. ozs.	1 qt.**
Ash borer, lilac borer, dogwood borer, rhododendron borer, scale crawlers: oak lecanium, pineneedle, tea, white peach	2.0 fl. oz.	6.4 fl. ozs.	2 qts.***

*Equivalent to 4 ounces of Dursban per 100 gallons
**Equivalent to 8 ounces of Dursban per 100 gallons
***Equivalent to 1 pound of Dursban per 100 gallons

AREA CONTROL OF TICKS AND CHIGGERS ON THE EXTERIOR OF INDUSTRIAL PLANT SITES, GOLF COURSE TURFGRASS AND ROAD MEDIANS: Use Dursban 2E to control ticks and chiggers infesting exterior areas of industrial plant sites, golf course turfgrass and road medians where these pests are present and create a nuisance or possible public health problem. Apply Dursban 2E in water at the rate of 1 pint per acre (equivalent to 1 fl. oz. per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer or other suitable hand or power spray equipment. Treat low under-brush, grassy areas, weeds and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gal. per acre.

USE PRECAUTIONS: Do not allow public use of treated areas during application or until spray has dried.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage or disposal.
STORAGE: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 100° F for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.
PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. 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 puncture and 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.

Adhesive Panel

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<p>Please refer to additional precautionary statements and environmental hazards inside booklet.</p>	
<p>FIRST AID Have label with you when obtaining treatment advice.</p>	
<p>If swallowed</p>	<ul style="list-style-type: none"> • Call a physician, Poison Control Center, or the National Pesticide Telecommunications Network at 1-800-858-7378 immediately for treatment advice. • Do not induce vomiting. Contains an aromatic petroleum solvent. • Do not give anything by mouth to an unconscious person.
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EPA EST. NO. 655-GA-1

Manufactured by:
PRENTISS INCORPORATED

Plant: Kaolin Road, Sandersville, GA 31082
 Office: C.B. 2000, Floral Park, NY 10012-2000

12/00