

<p>US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION</p> <p><i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i></p>	<p>EPA REGISTRATION NO. 34874-25</p>	<p>DATE OF ISSUANCE 2/12/86</p>
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p>Parke-Davis Co. Rt. 12, P.O. Box 303 Clyde, TX 75408</p> <p><input type="checkbox"/> <input type="checkbox"/></p>	<p>TERM OF ISSUANCE Until Reregistration</p> <p>NAME OF PESTICIDE PRODUCT Diazinon 2-E</p>	
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(C) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Add the phrase "EPA Registration No. 34874-25" to your label before you release the product for shipment. 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling. <p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.</p> <p>A stamped copy of the label is enclosed for your records.</p> <p style="text-align: right;">Jay S. Ellenberger Product Manager (12) Insecticide-Rodenticide Branch Registration Division (TS-767C)</p> <p>Enclosures</p> <p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
<p>SIGNATURE OF APPROVING OFFICIAL <i>J. S. Ellenberger</i></p>	<p>DATE 2/12/86</p>	

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18/
161

(FRONT OF CONTAINER)

DURSBAN® 1-E INSECTICIDE

GENERAL INFORMATION

Inside & Outside
Pest Control

FLEAS & ROACHES

and Many Others

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 12 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
34875-25

(page 1 of booklet)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

HAZARDS TO HUMANS*CAUSES EYE IRRITATION*HARMFUL IF SWALLOWED

Do not take internally*Do not get in eyes, on skin, or clothing* Wash contaminated clothing before reuse*Avoid breathing vapors and spray mist* Avoid spraying food crops*Keep away from food, feedstuffs, and domestic water supplies*Keep container closed*Handle concentrate in a ventilated area.

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 wastes.

PRECAUCION Al Usuario: Si usted no lee ingles, no use esta producta hasta que la etiqueta le haya sido explicada amparamente.

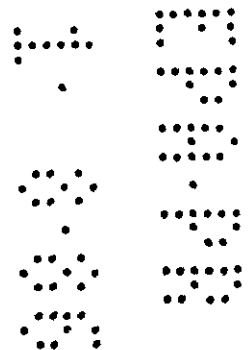
TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

USE DIRECTIONS

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

PESTS INDOORS

General Information: Use DURSBAN 1-E insecticide to control the pests indicated in the areas listed below by application as a 0.25%, or 0.5% chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations, or as directed. To prepare the spray dilute DURSBAN 1-E with water as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.



11102

SPRAY DILUTION CHART

100% DURSBAN 1 E	100% Water	100% Solution
100	100	200
50	150	200
25	225	250
10	340	350
5	475	480
2.5	700	710
1	1000	1010

NOTE: Where a higher concentration is desired, dilute with water to the desired strength. DURSBAN 1 E is a water-soluble insecticide for the control of many household and commercial pests. The amount needed to give the desired strength is shown in the chart. Do not use DURSBAN 1 E in areas where it is not registered. DURSBAN 1 E is registered for treatment of household and food handling establishments.

Application within food handling establishments (places other than private residences in which food is held, prepared, or served) including, but not limited to, restaurants, grocery stores, bakeries, bottling plants, canneries and grain mills: Use as a spot treatment in and around both food and nonfood areas to control cockroaches (including strains resistant to certain other insecticides), ants, crickets, firebrats, silverfish spiders and stored product insects such as confused flour beetles, saw-toothed grain beetles, Indian meal moths, rice weevils, Mediterranean flour moth and red flour beetles. Apply as a coarse, low pressure (15-30 PSI) spray to localized areas where the above pests have been seen or are suspected of

finding or entering. Applying enough spray to thoroughly cover the surfaces treated using standard nozzle. Avoid unnecessary runoff. Do not introduce the spray into the air or allow the spray to contact food or food contacting surfaces. Areas treated may include dark corners of rooms and closets, along and behind baseboards, beneath and behind stoves, refrigeration units and similar food preparation areas, plumbing, floor drains and around plumbing and other utility installations. For ants apply to ant trails and wherever these pests may find entrance. Spot treatment may include cracks and crevices, treating only with very small amounts of material directly into openings leading to voids and narrow spaces in walls and floor and under equipment. Bases of equipment. Equip. in restrooms, at end of delivery aisle, etc. Insecticide should be used in restaurants and similar food service establishments in case of emergency control. DURSBAN 1 E may be applied after 2 days following treatment. But reentry use should be limited to one re-entry.

Applications of this product in food handling establishments other than as a spot and/or crack and crevice treatment are not permitted. Application within residential buildings including homes and apartment buildings and within nonfood areas of industrial, institutional, and commercial buildings including hospitals, stores, manufacturing plants, and warehouses. For spot treatment only — Apply as a coarse spray or with a paint brush to localized areas where cockroaches (including strains resistant to certain other insecticides), ants, clover mites, crickets, firebrats, silverfish, and spiders are found or normally occur including dark corners of rooms and closets, cracks and crevices in walls, along and behind baseboards, beneath and behind stoves, refrigerators and cabinets, around plumbing and other utility installations. For ants apply to ant trails, etc., around doors and windows and wherever else these pests may

find entrance. For clover mites use a fine spray only.

Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches.

For control of carpet beetles: Thoroughly apply a 0.5% spray as a spot treatment along baseboards, at edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving and wherever else these insects are seen or suspected.

For control of fleas and brown dog ticks: Thoroughly apply a 0.5% spray as a spot treatment of infested areas such as pet beds and resting quarters, nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. **DO NOT TREAT PETS WITH THIS PRODUCT.** To control the source of flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to animals.

Attention (Pests Indoors): Do not apply water base sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use in poultry houses or other animal buildings. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fishbowls (if any) before spraying.

PESTS OUT OF DOORS

General information: Use DURSBAN 1 E insecticide for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, for area control of ticks and chiggers.

Consult the following directions for dosage and application details to control the pests listed.

Pests on outside surfaces of buildings: Use DURSBAN 1 E at the rate of 5 1/2 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. 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 the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 2 quarts of DURSBAN 1 E 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 DURSBAN 1 E to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute DURSBAN 1 E 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 mowed at time of treatment.

Ants	1000
Crickets	1000
Earwigs	1000
Fleas	1000
Flies	1000
Millipedes	1000
Sowbugs	1000
Spiders	1000
Ticks	1000
Chiggers	1000

DOSAGES and DIRECTIONS OF USE on TURF

PEST	Dosage DURSBAN 1-E per 1000 sq ft	REMARKS
Ants, Armyworms, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mite, Crickets, Cutworms, Earwings, Fleas, Grasshoppers, Sod Webworms, Ticks	3 fl. oz.	Spray when pests first appear, retreat when needed. For sod webworms delay watering or mowing the treated areas for 12 to 24 hours after treatment.
Turfgrass (Hypercotyle) Weevil	6 fl. oz.	Spray suspected problem areas in mid April and again in May or as recommended by your local Agricultural Extension Service specialist for your area.
White Grubs (European Chaler and Japanese Beetle larvae only)	6 to 12 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 into the underlying soil.
Bluegrass Billbug	6 to 12 fl. oz.	Spray early in the season when adults first appear. Retreat as needed.

1 pint of per 1000 sq ft = 7 1/2 fl. oz per 5000 sq ft
 = 1 pint per 10700 sq ft = 2 quarts per acre

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 1-E in Water to Make		
	3 gallons	10 gallons	100 gallons
Aphids, Bagworms, Eastern Tent Caterpillar, Fall Webworm, Grasshoppers, Mites, Orangejackets, Oakworms, Spottedbugs, Whiteflies, Yellow-headed Caterpillars	1 fl. oz.	3 1/2 fl. oz.	2 pints*
Cutworms, Leafhoppers, Meadowbugs, Mosquitoes, Worms, Fleas, and Caterpillars (Exposed)	2 fl. oz.	4 fl. oz.	2 quarts**
Ash Borer, Elm Borer, Dogwood Borer, Spoke Crawlers, Oak Borer, Pine Needle Tip, White Borer	4 fl. oz.	1 1/2 pints	4 quarts***
Peach Tree Borer	1 1/2 pints	4 fl. oz.	12 quarts****

* 1 quart = 4 ounces of concentrate per 100 gallons
 ** Equivalent to 8 ounces of concentrate per 100 gallons
 *** Equivalent to 1 pint of concentrate per 100 gallons
 **** Equivalent to 3 pounds of concentrate per 100 gallons

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Condition of Area to be Treated	Amount to Use per Acre		Number Acres 1 Gallon of 1 Quaton of DURSBAN 1-E will treat
	DURSBAN 1-E (fluid ounces)	Chlorpyrifos (pounds)	
Larval Control - None to medium vegetative cover	1 1/2 to 3 1/2	0.25 to 0.65	160 to 80
Larval Control - Medium to heavy vegetative cover	3 1/2 to 6 1/2	0.5 to 1.0	80 to 40
Adult Control - Light to medium vegetative cover	3 1/2	0.5	80
Adult Control - Medium to heavy vegetative cover	6 1/2	1.0	40

*The higher dosage will also give faster knockdown and longer residual control where there is little or no vegetative cover

Pests of ornamentals: Use DURSBAN 1-E insecticide to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with the pests listed in the table. Dilute DURSBAN 1-E 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 DURSBAN 1-E to the trunks and lower limbs of dogwood trees when the adults begin to emerge. Consult your

Apply DURSBAN 1-E to the trunks and lower limbs of trees when the adults begin to emerge. Consult your local Agricultural Extension Service specialist for proper timing and treatment of areas. Mix at the rate of one gallon of DURSBAN 1-E in 100 gallons of water and apply uniformly on trees and shrubs. **Peach Tree Borer:** Apply DURSBAN 1-E to the trunk and limbs of the tree. Prune the trunk as a trunk spray before newly hatched larvae enter the trees. Apply at a low pressure spray through a wet and bark area from ground level to scaffold limbs. Consult your State Agricultural Experiment Station or Extension Service specialist for proper timing and treatment of your area.

Attention (lawn and ornamental plant pests): Keep children and pets off treated areas until spray has dried. Keep off lawn and garden, fishponds and other bodies of water.

Native Elm Bark Beetle: Prevention of overwintering. To prevent the adult beetle from overwintering in unpruned trees and to reduce beetle populations, in disease free areas, apply DURSBAN 1-E insecticide as an 0.5% solution 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 backpack mist blower or a hydraulic pressure sprayer from spring through to the early fall. Prevention of branch and twig feeding in high value elm trees. To reduce the twig and branch feeding on unpruned trees deemed to be high value, apply 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.
Area control of ticks and chiggers: Use DURSBAN 1-E insecticide to control ticks and chiggers infesting non-cropland areas such as

ROADSIDE, FOOTPATHS and TRAILS, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply DURSBAN 1-E in water at the rate of 2 pints 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 underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre.

Attention (area control of ticks and chiggers): Do not allow public use of treated areas during application or until spray has dried.
Imported fire ant: Treated or potted, containerized and balled and burlapped nursery stock. Use DURSBAN 1-E to control imported fire ants in soil attached to roots of these plants by completely submerging the ball of the soil in a tank containing DURSBAN 1-E diluted at the rate of 16 fl. oz. per 100 gallons of water. Do not remove burlap wrap or plastic containers with drain holes prior to submerging. 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 DURSBAN 1-E as a drench diluted at the rate of 2 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.

CARE OF PRODUCT

STORAGE: Store in original container in safe, dry place. Do not containate other pesticides, fertilizers, foods, food or feed.

PRODUCT DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash. Soak up spilled product with absorbent material before disposal.

CONTAINER DISPOSAL: Do not reuse empty container. Wash container and put out in trash.

NOTICE: Seller warrants that the product conforms with chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

DURSBAN® 1-E
INSECTICIDE
ROACH AND FLEA
CONCENTRATE

Controls Numerous Pests of Household, Turf and Ornamental Plants.
ACTIVE INGREDIENTS:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate).....	12.6%
Xylene Range Aromatic Solvent.....	21.5%
INERT INGREDIENTS:	65.9%
TOTAL:	100%

Contains 1 pound chlorpyrifos per gallon.

DURSBAN - TRADEMARK OF THE DOW CHEMICAL COMPANY

WARNING: KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

HAZARDS TO HUMANS * CAUSES EYE IRRITATION * HARMFUL IF SWALLOWED
 Do not take internally * Do not get in eyes, on skin or clothing * Wash contaminated clothing before reuse * Avoid breathing vapors and spray mist * Avoid spraying food crops * Keep away from food, feedstuffs, and domestic water supplies * Keep container closed * Handle concentrate in a ventilated area.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately wash skin with plenty of soap and water. **IF IN EYES:** Flush eyes with plenty of water for at least 15 minutes. Call a physician.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE * Do not use or store near heat or open flame * Do not cut or weld container.

SEE ATTACHED BOOKLET FOR ADDITIONAL PRECAUTIONS

AGRICULTURAL CHEMICAL

Do not ship or store with food, feed, drugs or clothing.

EPA Reg. No. 464-567
 NET CONTENTS: 1 Quart

EPA Est. No. 34874-TX-1

Manufactured by:

BISHOP CHEMICAL, INC.

1812 E.S.E. Loop 323
 Tyler, Texas 75701