

APPLICATION OF THIS PRODUCT IN FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A SP... 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 sinks, stoves, refrigerators and cabinets; around plumbing and other utility installations. For ants apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For clover mites use a 0.5% 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 and edges of carpeting, under carpeting, rugs and furniture, in closets and shelving, and wherever else these insects are seen or suspected.

For control of brown dog ticks, thoroughly apply a 0.5% spray as a spot treatment to 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.

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. If there is need to treat such areas use only oil-base sprays. Prior to application de-energize electrical equipment. After application allow time for oil to evaporate before starting motors or placing switches in the "ON" position. 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 fish bowls (tanks) before spraying.

PESTS OUT-OF-DOORS

GENERAL INFORMATION: use DURSBAN 4E for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, and 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 4E at the rate of 1 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 8 ounces of DURSBAN 4E 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, other Ornamental and Recreational Turf Grass Areas Use DURSBAN 4E to control the pests listed in the above table by application at the recommended dosages and in accordance with directions given below. Dilute DURSBAN 4E 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.

DOSAGES and DIRECTIONS for use on TURF

Table with 3 columns: Pest, Dosage DURSBAN 4E per 1000 sq. ft., and Remarks. Rows include Ants, Armyworms, Brown dog tick, Chiggers, Chinch bugs, Clover mite, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Sod webworms, Turfgrass (Hyperodes), White grubs (European chafer and Japanese beetle larvae only), Bluegrass billbug.

1 1/2 fl. oz. per 1000 sq. ft. = 3 3/4 fl. oz. per 5000 sq. ft. = 1/2 pint per 10,700 sq. ft. = 1 quart per acre.

ATTENTION: Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water. Do not allow livestock to graze in treated areas. Do not feed treated grass cuttings (hay) or seed screenings to livestock nor use hay for livestock bedding.

Area Control of Ticks and Chiggers: use DURSBAN 4E to control ticks and chiggers in testing non-cropland area such as roadsides, 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 4E in water at the rate of 1/2 pint per acre (equivalent to 1/2 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 gallon per acre.

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

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. STORAGE: Store in original container in a locked storage area. PESTICIDE DISPOSAL: For Container Over 1 Gallon: Pesticide toxic. Improper disposal of excess pesticide, spray mixture, or violation of Federal Law. If these wastes cannot be disposed according to label instructions, contact your State Pesticide or Control Agency, or the Hazardous Waste representative at the Regional Office for guidance. CONTAINER DISPOSAL: For Container 1 Gallon and Under: empty container. Wrap container and put in trash. For Containers Over 1 Gallon: Triple rinse (Or Equivalent), then recycling or reconditioning, or puncture and dispose of in a sanitary other procedures approved by State and Local authorities.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably stated on the label when used in accordance with directions under normal conditions. No warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE is implied, extends to the use of this product contrary to label instructions, or under abnormal conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. U. S. Patent No. 3,244,586

Order Code EC-50

Chem-Tox, Inc. McHenry, IL 60050

EPA Reg. No. 45385-22

EPA Est. NO. 45385-IL-01

ACCEPTED

OCT 31 1996 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 45385-22

range or disposal.
 1 gallon: Pesticide wastes are
 e, spray mixture, or rinsate is a
 cannot be disposed of by use
 State Pesticide or Environmental
 representative at the nearest EPA

Gallon and Under: Do not reuse
 trash.
 (Or Equivalent). Then offer for
 dispose of in a sanitary landfill, or
 local authorities.

A description and is reasonably fit for the purposes
 under normal conditions of use, but neither this
 PRESS FOR A PARTICULAR PURPOSE, express or
 imlications, or under abnormal conditions, or under
 the risk of any such use.
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Order Code EC-504

22

IL-01

CT Chem - tox

DURSBAN* 4E INSECTICIDE

Controls Numerous Pests of Households, Turf and Ornamental Plants.

Also Recommended for Area Control of Ticks and Chiggers

To Be Applied Only By or Under the Supervision of Pest Control Operators,
 Public Health Organizations, and Other Trained Personnel Responsible for

Active Ingredients:

- * Chlorpyrifos [O,O-diethyl O-(3,5,6 trichoro-2-pyridyl) phosphorothioate]..... 39.18%
- + Inert Ingredients..... 60.82%

contains 4 pounds of chlorpyrifos per gallon.

*U.S. Patent No: 3,244,586

+ contains 53.49% Aromatic Petroleum Distillate

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans

MAY BE FATAL IF SWALLOWED
MAY BE ABSORBED THROUGH SKIN
MAY BE INJURIOUS TO EYES AND SKIN

Do Not Take Internally • Do Not Get In Eyes or on Skin •
 Wash Thoroughly After Handling • Wash Contaminated
 Clothing • Detergent • Flush Contaminated Eyes with
 Plenty of Water and Get Prompt Medical Attention •
 Avoid Breathing Vapors and Spray Mist • Avoid Spray-
 ing 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. Call a physician
 immediately. If on Skin: In case of contact, remove con-
 taminated clothing and immediately wash skin with soap
 and water. If in Eyes: Flush eyes with plenty of water for
 15 minutes. Call a physician.

Note To Physician: Chlorpyrifos is a cholinesterase
 inhibitor. Treat symptomatically. Atropine only by
 injection is an antidote.

EPA Reg. No. 45385-22

EPA Est. NO. 45385-IL-01 Net 1 Gallon / 3.785 Liters

Environmental Hazards

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.

DURSBAN 4E is toxic to fish, birds, and other wildlife.
 Do not apply directly to lakes, streams or ponds. Shrimp
 and crabs may be killed at application rates
 recommended on this label. Do not apply where these
 are important resources. Do not apply where runoff is
 likely to occur. Do not apply when weather conditions
 favor drift from areas treated. Do not contaminate water
 by cleaning equipment, or disposal of wastes.

Physical or Chemical Hazards

COMBUSTIBLE

Do Not Use or Store Near Heat or
 Open Flame

Do Not Cut or Weld Container

AGRICULTURAL CHEMICAL

Do Not Ship or Store with Food,
 Feeds, Drugs or Clothing

CHEM-TOX, Inc.
 BARRINGTON, IL 60010

ORDER CODE:
 EC-504

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 4E 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 4E with
 water or with a suitable base oil as shown in the following SPRAY DILUTION CHART. Repeat the treatment as
 needed.

Use only deodorized kerosene for oil-based sprays to be applied in food handling establishments.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Fluid Ounces † of DURSBAN 4E to Use	
	0.25% spray	0.50% SPRAY
Water-base spray	1/2	1 1/2
3	2	4
5	3 1/2	6 1/2
10	6 1/2	13 1/2
Oil-base spray ††	1/2	1
3	1 1/2	3
5	2 1/2	5
10	5	10 1/2

†Note: 1 fluid ounce = 2 tablespoons = 6 teaspoons

††Calculated on basis of deodorized kerosene

NOTE: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins may be
 added to the spray mixture containing DURSBAN 4E insecticide. For best results, use dichlorvos at a concentra-
 tion of 0.25% in both water and oil-base sprays; use pyrethrins at 0.25% in water-base and 0.05% in oil-base
 sprays. Consult the labeling for the dichlorvos or pyrethrins product used to determine the amount needed to give
 the desired spray concentration. Also read and observe all use and handling precautions for these products. Do
 not use DURSBAN 4E in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas or food
 handling establishments.

Application Within Food Handling Establishments (Places Other Than Private Residences in Which Food is Held,
 processed, 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, fleas, rats, silverfish, spiders,
 and stored product insects such as confused flour beetles, saw-toothed grain beetles, Indian meal moths, rice
 weevils, Mediterranean flour moths, and red flour beetles. Apply as a coarse, low pressure (20 psi or less) spray
 to localized areas. 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 and equipment; 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 encompass crack and crevice treatment by applying small amounts of material directly into
 openings leading to voids and hollow spaces in walls, equipment legs and bases or which occur at points between
 different elements of construction or between equipment and floors. Equipment capable of delivering a pin stream
 of insecticide should be used. Repeat treatment as needed but not more often than once every 7 days in restaur-
 ants and similar food service establishments or more often than once every 14 days in other types of food
 handling establishments. In case of emergency (call back), DURSBAN 4E may be applied after 2 days from the
 last treatment, but emergency use should be limited to once per month.