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roaches (including strains resistant to certain other insecticides), ants, clover mites, crickets, lebrats, silverfish, and spiders are found or normal, use including dark corners of doors and closets; cracks and crevices in walls, along and behind baseboards, benches, and set no 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.

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 before spraying.

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 on 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 kennels 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**

PESTS OUT-OF-DOORS

General Information: Use DURSBAN 2E 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 DURSBAN 2E at the rate of 1 1/2 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, cockroaches, crickets, earwigs, fleas, flies, millipedes, termites, 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 (billbugs), 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 DURSBAN 2E 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.

Control of Lawns and other Ornamental and Recreational Turf Grass Areas: Use DURSBAN 2E to control pests listed in following table by application at the recommended dosages and in accordance with the directions given. 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 lawn should be moist at time of treatment.

Pests of Ornamentals: Use DURSBAN 2E insecticide to treat flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with pests listed in the following table. Dilute DURSBAN 2E 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 treated 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 days intervals if needed. **NOTE:** Do not use on azaleas, some Asiatic hostas, rose bushes, or variegated plants because of possible injury to these plants.

Dogwood Borer: Apply DURSBAN 2E 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 DURSBAN 2E in 100 gallons of water and apply uniformly on trees as a coarse, low pressure spray.

Peach Tree Borer: Apply DURSBAN 2E 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 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 hotspots and other bodies of water.

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 chlorpyrifos in water to the bottom 9 feet of 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% 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 2E insecticide to control ticks and chiggers infesting non-crop land areas 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 2E in water at the rate of 1 pint per acre (equivalent to 1 lb. 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: Treatment of potted, containerized and balled and burlapped nursery stock. Use DURSBAN 2E to control imported fire ants in soil attached to roots of these plants by completely submerging the ball of soil in a tank containing DURSBAN 2E diluted at the rate of 8 lb. 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 2E as a drench diluted at the rate of 1 lb. 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.

Mosquitoes: Apply DURSBAN 2E insecticide to mosquito infested non-crop areas according to the conditions and rates shown in the following table. Mix DURSBAN 2E with either water or oil, such as kerosene or No. 2 fuel oil, using sufficient spray volume to give uniform coverage of area treated. Apply the spray using suitable application equipment such as hand and power ground sprayers, mist applicators, and aerial spray equipment.

WARNING (Mosquito Control): Read complete Environmental and Use precautions and consult your State Fish and Game Department before using this product for mosquito control.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide Disposal: Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state or local procedures.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or dispose of in a sanitary landfill or by other means as a state and local procedures.

NOTICE: Seller warrants that the product conforms to its 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 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.

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

DOSAGES and DIRECTIONS for USE on TURF

Pest	Dosage DURSBAN 2E per 1000 sq. ft.	Remarks
Ants Armyworms Chiggers Chinch bugs Clover mite Crickets Cutworms Earwigs Fleas Grasshoppers Sod webworms Ticks	1 1/2 fl. oz.	Spray when pests first appear, retreat when needed. For sod webworms delay watering of mowing the treated area for 12 to 24 hours after treatment.
Turfgrass (Hydrocodon)	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.
White grubs (European chafers 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.
Blue grass billbug	3 to 6 fl. oz.	Spray early in the season when adults first appear. Retreat when needed.

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Condition of Area to be Treated	Amount to Use per Acre		
	DURSBAN 2E (fluid ounces)	Chlorpyrifos (pounds)	Number Acres 1 Gallon of DURSBAN 2E Will Treat
Larval Control None to medium vegetative cover	0.8 to 1.6	0.025 to 0.025	160 to 80
Medium to heavy vegetative cover	1.6 to 3.2	0.025 to 0.051	80 to 40
Adult Control Light to medium vegetative cover	1.6	0.025	80
Medium to heavy vegetative cover	3.2	0.051	40

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

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 2E in Water to Make		
	3 gallons	10 gallons	100 gallons
Aphids Bagworms Eastern Tent caterpillar Fall webworm Grasshoppers	0.5 fl. oz.	1.6 fl. oz.	1 pint
Cutworms Leafhoppers Mealybugs	1.0 fl. oz.	3.2 fl. oz.	1 quart
Ash borer Lilac borer Dogwood borer	2.0 fl. oz.	6.4 fl. oz.	2 quarts
Peach tree borer	5.8 fl. oz.	19.2 fl. oz.	6 quarts

1E Equivalent to 4 ounces of chlorpyrifos per 100 gallons
 11E Equivalent to 8 ounces of chlorpyrifos per 100 gallons
 111E Equivalent to 1 pound of chlorpyrifos per 100 gallons
 1111E Equivalent to 3 pounds of chlorpyrifos per 100 gallons

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DOSAGES and DIRECTIONS for USE on TURF

Pest	Dosage DURS BAN 2E per 1000 sq. ft.	Remarks
Ants Armyworms Chiggers Chinch bugs Clover mite Crickets Cutworms Earwigs Fleas Grasshoppers Sod webworms Ticks Turfgrass (Hyperodes) weevil	1 1/2 to 2 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.
White grubs (European chafers and Japanese beetle larvae only)	3 to 6 oz	Spray suspected brood areas in mid-April and again in the May or as recommended by your local Agricultural Extension Service specialist in your area.
Bug grass bug	3 to 6 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 soil. Spray early in the season when adults first appear. Retreat when needed.

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Condition of Area to be Treated	Amount to Use per Acre		Number Acres Treated
	DURS BAN 2E (fluid ounces)	Chlorpyrifos (pounds)	
Large Control None to medium vegetative cover	0.8 to 1.6	0.025 to 0.025	160 to 80
Medium to heavy vegetative cover	1.6 to 3.2	0.025 to 0.051	80 to 40
Small Control Light to medium vegetative cover	1.6	0.025	80
Medium to heavy vegetative cover	3.2	0.051	40

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

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

Pests Controlled	Amount of DURS BAN 2E in Water to Make			
	3 gallons	10 gallons	100 gallons	
Aphids Bagworms Eastern Tent caterpillar Fall webworm Grasshoppers	Mites Oran-striped caterpillar Spittlebugs Whitellies Yellow-necked caterpillar	0.5 fl oz	1.6 fl oz	1 pint
Cutworms Leafhoppers Mealybugs	Mimosa webworm Redhumped caterpillar Trips (exposed)	1.0 fl oz	3.2 fl oz	1 quart
Ash borer Lilac borer Dogwood borer	Scale crawlers Oak lecanium Pine needle Tea White peach	2.0 fl oz	6.4 fl oz	2 quarts
Peach tree borer		5.0 fl oz	16.0 fl oz	6 quarts

1 fl oz equivalent to 4 ounces of chlorpyrifos per 100 gallons
 1 pint equivalent to 8 ounces of chlorpyrifos per 100 gallons
 1 quart equivalent to 1 pound of chlorpyrifos per 100 gallons
 1 gallon equivalent to 3 pounds of chlorpyrifos per 100 gallons

CT chem - tox
DURS BAN* 2E INSECTICIDE

Controls Numerous Pests of Households, Turf and Ornamental Plants. Also Recommended for Mosquito Control and Area Control of Ticks and Chiggers.
 To be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organizations, Mosquito Abatement Districts, and Other Trained Personnel Responsible for Insect Control Programs

ACTIVE INGREDIENTS:
 Chlorpyrifos (0, O-diethyl O-(3, 5, 6-trichloro-2-pyridyl) phosphorothioate) 23.90%
 Petroleum Distillate 66.90%
INERT INGREDIENTS 9.20%
 Contains 2 pounds of chlorpyrifos per gallon.
 E.P.A. Registration No. 45385-21
 E.P.A. Est. 45385-IL-01

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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 Before Reuse • Flush Contaminated Eyes with Plenty of Water and Get Prompt Medical Attention • 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. 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 for 15 minutes. Call a physician.
 Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

USE DIRECTIONS

It is a violation of Federal law to use this product in a manner inconsistent with the following directions.
PESTS Indoors

General Information: Use DURS BAN 2E insecticide to control the pests indicated as a 0.25% or 0.5% chlorpyrifos spray. Use the 0.25% spray to spray to quickly reduce heavy infestations or as directed. To prepare the spray with a suitable base oil as shown in the following SPRAY DILUTION CHART. Use only deodorized kerosene for oil-based sprays to be applied in food handling establishments.
 NOTE: Where quick "knockdown" and/or "flushing action" is desired, add to the spray mixture containing DURS BAN 2E insecticide. For best results use 0.25% in both water and oil-base sprays, use pyrethrins at 0.25% sprays. Consult labeling for the dichlorvos or pyrethrins product used to obtain desired spray concentration. Also read and observe all use and handling instructions for DURS BAN 2E in combination with dichlorvos (DDVP) or pyrethrins for food handling establishments.

SPRAY DILUTION CHART

Gallons of spray Mixture Desired	Fluid Ounce of 0.25% spray
Water-base spray	
1	1 1/2
3	4
5	6 1/2
10	13 1/2
Oil-based spray (1)	
1	1
3	3
5	5
10	10

(Note: 1 fluid ounce = 2 tablespoons = 6 teaspoons)
 (1) Calculated on basis of deodorized kerosene

Application Within Food Handling Establishments (Places Other Than Pre-Processed, Prepared or Served) including, But Not Limited to, Restaurants, Cafeterias and Grain Mills: Use as a spot treatment in and around cockroaches (including strains resistant to other insecticides), ants, chinch bugs, and other pests such as confused flour beetles, saw-toothed grain beetles, Mediterranean flour moths and red flour beetles. Apply as a coarse, low pressure spray where the above pests have been seen or are suspected of hiding. Thoroughly cover the surfaces treated using special care to avoid unnecessary contact with food or food-contacting surfaces of rooms and closets; along and behind baseboards; beneath and behind food preparation areas and equipment; floor drains; and around plumbing. Apply to ant trails and wherever these pests may find entrance. Spot treat equipment legs and bases or which occur at points between different elements and floors. Equipment capable of delivering a pinstream of insecticide is preferred. Equipment capable of delivering a pinstream of insecticide is preferred. Equipment capable of delivering a pinstream of insecticide is preferred. Equipment capable of delivering a pinstream of insecticide is preferred.
 needed but not more than once every 7 days in restaurants and similar to than once every 14 days in other types of food handling establishments. BAN 2E may be applied after 2 days from last treatment but emergency use applications of this product in food handling establishments other than a home are not permitted.

Application Within Residential Buildings Including Homes and Apartments, Industrial, Institutional, and Commercial Buildings Including Hospitals, Houses: For Spot Treatment Only: Apply as a coarse spray or with a Da

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
ORDER CODE:
 EC-503
CHEM-TOX, Inc.
 BARRINGTON, IL 60010

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USAGES and DIRECTIONS for USE on TURF

Dosage DURSABAN 2E per 1000 sq. ft.	Remarks
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 24 hours after treatment.
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.
5 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 afternoon soil. Spray early in the season when adults first appear. Retreat when needed.
6 fl oz	

USAGES and RATES for USE for MOSQUITO CONTROL

Area Treated	Amount to Use per Acre		Number Acres Treated
	DURSABAN 2E (fluid ounces)	Chlorpyrifos (pounds)	
Light cover	0.8 to 1.6	0.0125 to 0.025	100 to 200
Heavy cover	1.6 to 3.2	0.025 to 0.051	50 to 100
Light cover	1.6	0.025	80
Heavy cover	3.2	0.051	40

dosage will also give faster knockdown and longer residual control on little or no vegetation cover.

USAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

Insects Controlled	Amount of DURSABAN 2E in Water to Make		
	3 gallons	10 gallons	100 gallons
Mites	0.5 fl oz	1.6 fl oz	1 pint
Orange-striped oakworm			
Spittlebugs			
Whiteflies			
Yellow-necked caterpillar			
Mimosa webworm	1.0 fl oz	3.2 fl oz	1 quart
Red-shouldered caterpillar			
Thrips (spotted)			
Scale crawlers	2.0 fl oz	6.4 fl oz	2 quarts
Oak lecanium			
Pine needle			
Tea			
White peach			
Net	5.8 fl oz	19.2 fl oz	6 quarts

1 fl to 4 ounces of chlorpyrifos per 100 gallons
 1 fl to 8 ounces of chlorpyrifos per 100 gallons
 1 fl to 1 pound of chlorpyrifos per 100 gallons
 1 fl to 3 pounds of chlorpyrifos per 100 gallons

CT chem-tox
DURSABAN* 2E INSECTICIDE

Controls Numerous Pests of Households, Turf and Ornamental Plants. Also Recommended for Mosquito Control and Area Control of Ticks and Chiggers.
 To be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organizations, Mosquito Abatement Districts, and Other Trained Personnel Responsible for Insect Control Programs

ACTIVE INGREDIENTS:

Chlorpyrifos (0, 0-diethyl 0-(3, 5, 6-trichloro-2-pyridyl) phosphorothioate).....	23.90%
Petroleum Distillate.....	66.90%
INERT INGREDIENTS.....	9.20%

Contains 2 pounds of chlorpyrifos per gallon.
 E.P.A. Registration No. 45385-21
 E.P.A. Est. 45385-IL-01

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 Before Reuse • Flush Contaminated Eyes with Plenty of Water and Get Prompt Medical Attention • 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. 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 for 15 minutes. Call a physician.
 Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

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.
 DURSABAN 2E 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 of 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
ORDER CODE:
 EC-503
CHEM-TOX, Inc.
 BARRINGTON, IL 60010

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 DURSABAN 2E insecticide to control the pests indicated in the areas listed below. 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 DURSABAN 2E 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.

NOTE: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing DURSABAN 2E insecticide. For best results use dichlorvos at a concentration 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 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 DURSABAN 2E in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

SPRAY DILUTION CHART

Gallons of spray Mixture Desired	Fluid Ounces† of DURSABAN 2E to Use	
	0.25% spray	0.50% spray
Water-base spray	1	2 1/2
	3	8
	5	13 1/2
	10	26 1/2
	Oil-based spray††	
1	1	2
3	3	6
5	5	10
10	10	21

†Note: 1 fluid ounce = 2 tablespoons = 6 teaspoons
 ††Calculated on basis of deodorized kerosene

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 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 moths and red flour beetles. Apply as a coarse, low pressure (20 psi or less) spray to localized areas where the above pests have been seen or are suspected of hiding or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to 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 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 pen-stream of insecticide should be used. Repeat treatment as needed but not more than once every 7 days in restaurants 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) DURSABAN 2E may be applied after 2 days from last treatment but emergency use should be limited to once a month.

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 cock-