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

WARNING (LAWN AND ORNAMENTAL PLANT PESTS): Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fish-pools and other bodies of water. Fish may be killed if their waters are contaminated with this product. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor or ft from

AREA CONTROL OF TICKS: Use DURSBAN 4E to control ticks 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 health problem. Apply DURSBAN 4E in water at the rate of 1 pint per acre (equivalent to 1 fl. oz. per 2,700 sq. ft.) using a hydrautic 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 gals.

WARNING (AREA CONTROL OF TICKS): Do not allow public use of treated areas during application or until spray has dried. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff into lakes, streams, ponds or other bodies of water is like ly to occur. Fish and crustaceans may be killed if their waters are contaminated with this product.

MOSQUITOS: Apply DURSBAN 4E to mosquito infested non-crop areas according to the conditions and rates shown in the following table. Mix DURSBAN 4E 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

CONDITIONS AND RATES TO USE FOR MOSQUITO CONTROL

Condition of	Amount to	Number		
Area to be Treated	Dursban 4E (fl. oz.)	Chlorpyrifos (pounds)	Acres 1 Gal. of DURSBAN 4E will treat	
Larvai Control				
None to medium vegetative cover	04 to 08	0.0125 to 0.025	160 to 80	
Medium to heavy vegetative cover	0.6 to 1.6*	0 025 to 0.05*	80 to 40	
Adult Control				
Light to medium vegetative cover	08	0 025	80	
Medium to heavy vegetative cover	16*	0.05*	40	

*The higher dosage will also give the faster knock-down and longer residual control where there is little or no vegetative cover WARNING (MOSQUITO CONTROL); DURSBAN 4E is toxic to shrimp, crabs and fish. Do not apply to water containing crustaceans and fish. Consult your State Fish and Game Department before using this pro duct for mosquito control

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Under the Federal Insecticida, Full stride, and Redenticide Act repeluisab under EM Mar. Ko.

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INSECTICIDE

CONTROLS PESTS OF HOUSEHOLD (cockroaches, ants, brown dog ticks, silverfish, spiders), TURF (chinch bugs, sod webworms, ants, brown dog ticks, cutworms, earwigs, crickets, grasshoppers, certain white grubs, hyperodes weevil) AND ORNAMENTAL PLANTS (aphids, bagworms, grasshoppers, leafhoppers, spittlebugs, mealybugs, whitefiles, exposed thrips, mites, cutworms). ALSO RECOMMENDED FOR MOSQUITO CONTROL AND AREA CONTROL OF TICKS.

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 INGEDIENTS

Chlorpyrifos (0 0-diethyl 0-(3.5 6-trichloro-2-pyridyl) Phosphorothiote Aromatic Petroleum Distillate

46 3°. 8 9°.

INERT INGREDIENTS TOTAL

CONTAINS 4 LBS. OF CHLORPYRIFOS PER GALLON

DURSBAN' Trademark of The Dow Chemical Co.

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

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed. May be absorbed through the skin. Do not take internally, Do not get in eyes or on skin. Wash thoroughly after handling. Wash contaminated clothing. Avoid breathing vapors and spray mist. Avoid spraying food crops. Handle concentrate in a ventilated area. Keep children and pets off treated area until spray has dried.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately. If on Skirr: Wash thoroughly with soap and warm water

If in Eyes: Flush eyes with plenty of water. Call physician if irritation persists.

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote. 2-PAM is also antidotal and may be administered in conjunction with antropine

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

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

PHYSICAL AND CHEMICAL HAZARDS

Keep container closed, DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. Handle concentrate in a ven-

EPA Est. No. 10370-TX-1

NET CONTENTS: ONE GALLON

EPA Reg No 10370 65

MANUFACTURED BY

ford's Chemical & Service, Inc.

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WIL

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
Triple rinse (or equivalent) then offer for recycling or reconditioning, or

puncture and dispose of in a sanitary landfill, or by other approved state nd local procedures.

USE DIRECTIONS:

6.5

PESTS INDOORS: General Information: Use DURSBAN 4E Insecticide as a SPOT TREATMENT to control cockroaches, ants, crickets, firebrats, silverfish, spiders, and brown dog ticks in and around residential, industrial, institutional and commercial buildings including homes, apartment buildings, hospitals, stores, manufacturing plants, and warehouses. DURSBAN 4E may also be used as a CRACK AND CREVICE TREATMENT to control certain of the above pests in and around both food and nonfood areas of food handling establishments (i.e. any area or place in which food is held, processed, prepared and/or served, e.g. restaurants, canneries, bottling plants, grocery stores, bakeries). Dilute DURSBAN 4E with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyritos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests listed. Repeat treatment as needed. 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. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREA OF FOOD HANDLING ESTABLISHMENTS. OTHER THAN CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED.

SPRAY DILUTION CHART

Galions of Spray Mixture Desired	FI. Oz.º of DURSBAN 4E to use		
	0.25% Spray	0.50% Spray	
Water-base spray:			
1 1	2/3	1-1/3	
3	2	1 4.	
5	3-1/3	6-2/3	
10	6-2/3	13-1/3	
Oil-base spray:**		I	
1 1	1	1/2	
3	1-1/2	3	
5	2-1/2	5	
10	5	10	

*Note: 1 fl. az. = 2 tablespoonfuls = 6 teaspoonfuls *Calculated on basis of deodorized keroser

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 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 aprays. Consult Tabeling for the dichloryos 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 those products.

COCKROACHES (Including strains resistant to certain other insecticides), ANTS, CRICKETS, FIREBRATS, SILVERFISH, SPIDERS: Use a 0.25% spray to control light infestations and a 0.5% spray to guickly reduce heavy infestations. FOR SPOT TREATMENT apply as a coarse spray or with a paint brush to localized areas where these pests are found or normally occur, including dark corners of rooms and closets, cracks and crevices in walls; along and behind haseboards, beheath and behind cricks, stoves, refrigerators, and cabinets, around plumbing and other utility installations. For ants apply to antitrails, also around doors and windows andd wherever else these pests may find entrance. Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches. FOR CRACK AND CREVICE TREATMENT carefully apply the spray into localized openings that are or may become harborages and entries for insect pests. Such openings commonly occur at expan sion joints, between different elements of construction, and between

CONTINUED ON BACK PANEL

CONTINUED FROM SIDE PANEL

equipment and floors. These openings may lead to voids such as hollow walls, equipment legs and bases, conduits, motor housings, junction or switch boxes. Make the treatment using low pressure (20 psi or less) and a straight (pin) stream or coarse fan nozzle so as to avoid possible atomization or splashing of the spray. Apply only enough spray to thoroughly cover the concealed (inside) surfaces of the openings treated, using particular care avoid runoff and unnecessary contamination of exposed surfaces of floors, walls and equipment. Do not allow the spray to contact food or food contacting surfaces. Prior to application de-energize electrical equipment. After application allow time for oil to evaporate before starting motors o placing switches in the ON position. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN CRACK AND CREVICE TREATMENT ARE NOT PERMITTED. AREAS OF FOOD HANDLING

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.

WARNING

WARNING (PESTS INDOORS): Do not atlow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (tanks) before spraying. Do not allow spray to contact food, feedstuffs, and water supplies Thoroughly wash dishes and food handling utensits and surfaces with soap and water if they become contaminated by application of this product. DO NOT USE DURSBAN 4E FOR SPOT TREATMENT in poultry houses, other animal buildings, or in edible products areas of food processing plants, restaurants, or other areas where food is commercially prepared and processed. Do not use in serving areas while food is exposed.

PESTS OUT-OF-DOORS: General Information: use DURSBAN 4E for control of certain pests of lawns and ornamental plants, for area control of ticks and for mosquito control. Consult the following directions for dosage and application details to con-

PESTS OF LAWNS AND OTHER ORNAMENTAL AND RECREATIONAL TURF GRASS AREAS: Use OURSBAN 4E Insecticide to control ants, brown dog ticks, chinch bugs, crickets, cutworms, earwigs, grasshoppers and sod webworms (lawn moths). Mix DURSBAN 4E with water according to directions given in the following table and apply as a coarse, low pressure spray using suitable application equipment. For best results, the lawn should be moist at time of treatment, and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear, retreat when needed.

DOSAGE AND DILUTIONS FOR USE ON TURE

Area to be Treated	Amount of DURSBAN 4E	Dilute with Water to Give	Area to be Treated	Amount of DURSBAN 4E	Dilute with Water to Give
500 sq. ft.	3/8 fl.oz.	15 gallons	10,700 sq. ft.	1/2 pint	325 gallons
1,000 sq. ft. 5,000 sq. ft.	3/4 fl. oz. 3/3/4 fl. oz	30 gallons 150 gallons	one acre	1 quart	1,300 gallons

TO CONTROL CERTAIN WHITE GRUBS (larvae of European chafer and Japanese beetle) use two to four times the amounts of DUR 3BAN 4E shown in the TURF table, i.e. 1% to 3 ff. oz. per 1,000 sq. (f. or % to 1 gallon per acre. Apply in enough water to obtain uniform coverage of the area treated followed by thorough watering to wash the insecticide into the turf. For best results—eat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your loci I Agricultural Extension Service specialist for proper time to treat in your area.

TO CONTROL TURFGRASS (HYPERODES) WEEVILS use Lwice the amount of DURSBAN 4E shown in the above TURF table. 16. 1 gallon diluted in 1,300 gallons of water per acre. Spray suspected problem areas in mid-April and again in mid-May. Consult you local Agricultural Extension Service specialist for proper time to treat in your area.

NOTE: To help prevent infestation of buildings by ants, crickets, earnings and somblings (pillburgs), 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 the same dosage and ditution recommended for control of these pests on furf as shown in the above table. Apply as a coarse spray to thoroughly and uniformly wet the band area.

PESTS OF ORNAM. «TALS: Use DURSBAN 4E to control aphids, bagworms, cutworms, grasshoppers, leafhoppers, mealybugs, mites, spittlebugs, thrips (exposed) and wristeflies on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Ditute DURSBAN 4E 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 of infested plants. 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, camelias, pointsettias, rose bushes or variegated ivy because of possible injury to these plants.

DOSAGE AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 4E in Water to Make		
	3 gals.	10 gals.	100 gafs.
Aphids, Bagworms, Grasshoppers, Mites, Sp.ttlebugs, Whiteflies	0 25 II oz	8 ft az.	1/2 pint*
Cutworms, Mealybugs, Leafhoppers, Thrips (exposed)	5 fi oz	1,6 ft oz.	1 pint*

*Equivalent to 4 ounces of chlorpyrifos per 100 gallons

**Equivalent to 8 ounces of chlorpyrifos per 100 gations

CONTINUED ON SIDE PANEL