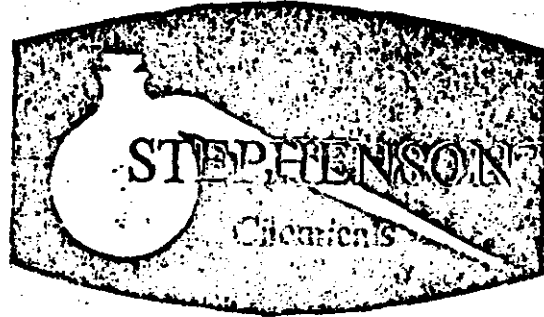


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DURSBAN* 2E

INSECTICIDE

FOR USE BY PEST CONTROL OPERATORS ONLY

FOR CONTROL OF THOSE INSECTS LISTED IN DIRECTIONS

ACTIVE INGREDIENTS:

Chlorpyrifos (0, 0-Diethyl 0-(3,5,6-trichloro--2-pyridyl)	
phosphorothioate[.....	23.80%
Petroleum hydrocarbons.....	37.30%
Xylene.....	13.35%
INERT INGREDIENTS.....	25.55%
	<hr/>
	100.00%

*DURSBAN--Trademark of DOW CHEMICAL CO.

WARNING - 18 pt

**KEEP OUT OF REACH OF CHILDREN
(SEE WARNING ON SIDE PANEL)**

ACCEPTED

OCT 17 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. **4887-138**

Manufactured by
STEPHENSON CHEMICAL CO., INC.
COLLEGE PARK, GEORGIA

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

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

DO NOT USE IN SERVING AREAS OF RESTAURANTS WHILE FOOD IS EXPOSED. KEEP CHILDREN AND PETS OFF TREATED AREAS UNTIL THE SPRAY HAS DRIED. Do Not Get on Skin or in Eyes. Wash Thoroughly After Handling. Do Not Wear Contaminated Clothing. Avoid Breathing Vapors or Spray Mist. Keep Away From Food, Feedstuffs and Water Supplies. Keep Container Closed. Keep Away From Heat and Open Flame.

Flush contaminated eyes with plenty of water and get medical attention. Note to physician: Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote. 2-PAM is also antidotal and may be administered in conjunction with Atropine.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning equipment or disposal of wastes.

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

PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

DIRECTIONS FOR USE

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

PESTS INDOORS - General Information Use Dursban 2E Emulsifiable Insecticide as a spot treatment to control COCKROACHES, ANTS, CRICKETS, FIREBRATS, SILVERFISH, SPIDERS, and BROWN DOG TICKS in and around residential, institutional, and commercial buildings. Including homes, apartment buildings, hospitals, stores, commercial food-handling establishments, and warehouses. Dilute Dursban 2E with water or a suitable base oil to make a 0.25% or 0.5% Dursban spray as shown in the following dilution chart. Apply according to directions given for pests listed. Repeat the treatment as needed.

Amount of Spray Mixture Desired	Amount of DURSBAN 2E to use	
	for 0.25% spray	for 0.50% spray
1 gallon	1 1/2 ounces	2 1/2 ounces
2 gallons	3 3/4 ounces	7 1/2 ounces
5 gallons	6 ounces	12 ounces
10 gallons	12 ounces	24 ounces

Where quick knockdown and/or flushing action is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing Dursban 2E Emulsifiable 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.

AREAS OTHER THAN FOOD HANDLING ESTABLISHMENTS: To control COCKROACHES, ANTS, CRICKETS, FIREBRATS, SILVERFISH, SPIDERS - use a 0.25% spray to control light infestations and a 0.5% to quickly reduce heavy infestations. 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 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. A period of four to seven days is normally required for maximum effect on cockroaches.

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 local

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Directions for Use Con't

FOOD HANDLING ESTABLISHMENTS:

PLACES OTHER THAN PRIVATE RESIDENCES IN WHICH EXPOSED FOOD IS HELD, PROCESSED, PREPARED, OR SERVED.

FOOD AREAS: APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY.

Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups), serving areas (when food is exposed and facility is in operation also would be considered a food area).

Apply a 0.5% Dursban solution in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids, hollow spaces in walls, equipment legs and bases, where COCKROACHES, ANTS, CRICKETS, FIREBRATS, SILVER-FISH, SPIDERS may hide. When this product is diluted with oil, it may be applied in conduits, motor housings, junction or switch boxes. 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 THIS PRODUCT IN CONDUITS, MOTOR HOUSINGS, AND ELECTRICAL SWITCH BOXES WHEN DILUTED WITH WATER AS A HAZARD OF ELECTRICAL SHOCK IS PRESENT. Care should be taken to avoid depositing this product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food-processing surfaces.

APPLICATION OF THIS PRODUCT IN THE FOOD AREAS OF FOOD-HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED.

SERVING AREAS — Facilities where prepared foods are served, such as dining rooms but excluding areas where food may be prepared or held. Apply a 0.5% solution of Dursban as a spot treatment to selective surfaces such as baseboards, under elements of construction, into cracks and crevices. Avoid treating surfaces likely to be contacted by food (do not apply when facility is in operation or foods are exposed).

NON-FOOD AREAS: (spot application) - Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Apply a 0.5% solution of Dursban as a spot treatment to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets, and similar areas where insects hide or through which they may enter.

PESTS OUT OF DOORS — General Information

Use Dursban 2E for control of certain pests of lawn and ornamental plants, for area control of ticks, and for mosquito control. Consult the following directions for dosage and application details to control pests listed.

PESTS OF LAWN AND OTHER ORNAMENTAL RECREATIONAL TURF

GRASS AREAS: Use Dursban 2E Emulsifiable Insecticide to control ANTS, BROWN DOG TICKS, CHINCH BUGS, CRICKETS, CUTWORMS, EARWIGS, GRASSHOPPERS, AND SOD WEBWORMS (LAWN MOTHS). Mix Dursban 2E 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.

USE RATE AND DILUTION TABLE

Area to be Treated	Amount of DURSBAN 2E Required	Dilute with Water to Give
1,000 sq. ft.	1 1/2 fl. oz.	30 gallons
5,000 sq. ft.	7 1/2 fl. oz.	150 gallons
10,700 sq. ft.	1 pint	325 gallons
One acre	2 quarts	1300 gallons

To control certain WHITE GRUBS (LARVAE OF EUROPEAN CHAFER AND JAPANESE BEETLE), use two to four times the amounts of Dursban 2E shown in the turf table, i.e. 3 to 6 fluid ounces per 1,000 square feet or 1 to 2 gallons per acre. Apply in enough water to obtain uniform coverage of the area treated, followed immediately by thoroughly watering to wash the insecticide into the turf. For best results, treat when grubs are young and active, feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service specialist for proper time to treat in your area.

To control HYPERODES (TURFGRASS) WEEVILS, use twice the amount of Dursban 2E shown in the turf table, i.e. 1 gallon diluted in 1300 gallons of water per acre. Spray suspected problem areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service specialist for proper time to treat in your area.

Note: To help prevent infestation of buildings by ANTS, CRICKETS, EARWIGS 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 the same dosage and dilution recommendations for control of these pests on turf as shown in the above table. Apply as a coarse spray to thoroughly and uniformly wet the band area.

PESTS OF ORNAMENTALS: Use Dursban 2E to control APHIDS, BAGWORMS, CUTWORMS, GRASSHOPPERS, LEAFHOPPERS, MEALYBUGS, MITES, SPITTEBUGS, THRIPS (EXPOSED), and WHITEFLIES on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute Dursban 2E with water according to the directions given in the following table and apply using suitable hand or power sprayer equipment in a manner to provide complete and uniform coverage of the 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.

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DURSBAN* 2E

INSECTICIDE

FOR USE BY PEST CONTROL OPERATORS ONLY

FOR CONTROL OF THOSE INSECTS LISTED IN DIRECTIONS

ACTIVE INGREDIENTS:

Chlorpyrifos [0, 0-Diethyl 0-(3,5,6-trichloro--2-pyridyl) phosphorothioate]	23.80%
Petroleum hydrocarbons	37.30%
Xylene	13.35%
INERT INGREDIENTS	25.55%
	<u>100.00%</u>

*DURSBAN--Trademark of DOW CHEMICAL CO.

WARNING - 18pt

KEEP OUT OF REACH OF CHILDREN
(SEE WARNING ON SIDE PANEL)

ACCEPTED

OCT 17 1985

Registered under the Federal Insecticide, Fungicide, and Rodenticide Act or other laws of the pesticide registration act

EPA Reg. No. 4887-136

Manufactured by
STEPHENSON CHEMICAL CO., INC.
 COLLEGE PARK, GEORGIA

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
AND DOMESTIC ANIMALS

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Flush contaminated eyes with plenty of water and get medical attention.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning equipment or disposal of wastes.

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

PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

DIRECTIONS FOR USE

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

PESTS INDOORS — General Information

Use Dursban 2E Emulsifiable Insecticide as a spot treatment to control COCKROACHES, ANTS, CRICKETS, FIREBRATS, SILVERFISH, SPIDERS, and BROWN DOG TICKS in and around residential, institutional, and commercial buildings, including homes, apartment buildings, hospitals, stores, commercial food-handling establishments, and warehouses. Dilute Dursban 2E with water or a suitable base oil to make a 0.25% or 0.5% Dursban spray as shown in the following dilution chart. Apply according to directions given for pests listed. Repeat the treatment as needed.

Amount of DURSBAN 2E to use

Amount of Spray Mixture Desired	for 0.25% spray	for 0.50% spray
1 gallon	1 1/4 ounces	2 1/2 ounces
3 gallons	3 3/4 ounces	7 1/2 ounces
5 gallons	6 ounces	12 ounces
10 gallons	12 ounces	24 ounces

Where quick knockdown and/or flushing action is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing Dursban 2E Emulsifiable 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.

AREAS OTHER THAN FOOD HANDLING ESTABLISHMENTS:

To control COCKROACHES, ANTS, CRICKETS, FIREBRATS, SILVERFISH, SPIDERS — use a 0.25% spray to control light infestations and a 0.5% to quickly reduce heavy infestations. 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 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. A period of four to seven days is normally required for maximum effect on cockroaches.

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 floorcovering where these pests may be present. All

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Directions for Use Con't

FOOD HANDLING ESTABLISHMENTS:

PLACES OTHER THAN PRIVATE RESIDENCES IN WHICH EXPOSED FOOD IS HELD, PROCESSED, PREPARED, OR SERVED.

FOOD AREAS: APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY.

Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups), serving areas (when food is exposed and facility is in operation also would be considered a food area).

Apply a 0.5% Dursban solution in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids, hollow spaces in walls, equipment legs and bases, where COCKROACHES, ANTS, CRICKETS, FIREBRATS, SILVER-FISH, SPIDERS may hide. When this product is diluted with oil, it may be applied in conduits, motor housings, junction or switch boxes. 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 THIS PRODUCT IN CONDUITS, MOTOR HOUSINGS, AND ELECTRICAL SWITCH BOXES WHEN DILUTED WITH WATER AS A HAZARD OF ELECTRICAL SHOCK IS PRESENT. Care should be taken to avoid depositing this product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food-processing surfaces.

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SERVING AREAS — Facilities where prepared foods are served, such as dining rooms but excluding areas where food may be prepared or held. Apply a 0.5% solution of Dursban as a spot treatment to selective surfaces such as baseboards, under elements of construction, into cracks and crevices. Avoid treating surfaces likely to be contacted by food (do not apply when facility is in operation or foods are exposed).

NON-FOOD AREAS: (spot application) - Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Apply a 0.5% solution of Dursban as a spot treatment to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets, and similar areas where insects hide or through which they may enter.

PESTS OUT OF DOORS — General Information
Use Dursban 2E for control of certain pests of lawn and ornamental plants, for area control of ticks, and for mosquito control. Consult the following directions for dosage and application details to control pests listed.

PESTS OF LAWN AND OTHER ORNAMENTAL RECREATIONAL TURF GRASS AREAS: Use Dursban 2E Emulsifiable Insecticide to control ANTS, BROWN DOG TICKS, CHINCH BUGS, CRICKETS, CUTWORMS, EARWIGS, GRASSHOPPERS, AND SOD WEBWORMS (LAWN MOTHS). Mix Dursban 2E 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.

USE RATE AND DILUTION TABLE

Area to be Treated	Amount of DURSBAN 2E Required	Dilute with Water to Give
1,000 sq. ft.	1 1/2 fl. oz.	30 gallons
5,000 sq. ft.	7 1/2 fl. oz.	150 gallons
10,700 sq. ft.	1 pint	325 gallons
One acre	2 quarts	1300 gallons

To control certain WHITE GRUBS (LARVAE OF EUROPEAN CHAFER AND JAPANESE BEETLE), use two to four times the amounts of Dursban 2E shown in the turf table, i.e. 3 to 6 fluid ounces per 1,000 square feet or 1 to 2 gallons per acre. Apply in enough water to obtain uniform coverage of the area treated, followed immediately by thoroughly watering to wash the insecticide into the turf. For best results, treat when grubs are young and active, feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service specialist for proper time to treat in your area.

To control HYPERODES (TURFGRASS) WEEVILS, use twice the amount of Dursban 2E shown in the turf table, i.e. 1 gallon diluted in 1300 gallons of water per acre. Spray suspected problem areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service specialist for proper time to treat in your area.

Note: To help prevent infestation of buildings by ANTS, CRICKETS, EARWIGS 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 the same dosage and dilution recommendations for control of these pests on turf as shown in the above table. Apply as a coarse spray to thoroughly and uniformly wet the band area.

PESTS OF ORNAMENTALS: Use Dursban 2E to control APHIDS, BAGWORMS, CUTWORMS, GRASSHOPPERS, LEAFHOPPERS, MEALYBUGS, MITES, SPITTLEBUGS, THRIPS (EXPOSED), and WHITEFLIES on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute Dursban 2E with water according to the directions given in the following table and apply using suitable hand or power sprayer equipment in a manner to provide complete and uniform coverage of the 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.

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Directions for Use Con't

Note: Do not use on azaleas, camellias, poinsettias, 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 2E in Water to Make		
	3 gallons	10 gallons	100 gallons
Aphids, Bagworms, Grasshoppers, Mites, Spittlebugs, Whiteflies	0.5 fl.oz.	1.6 fl.oz.	1 pint
Cutworms, Mealybugs, Leafhoppers Thrips (exposed)	1.0 fl.oz.	3.2 fl.oz.	1 quart

AREA CONTROL OF TICKS: Use Dursban 2E 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 an nuisance or possible public health problem. Apply Dursban 2E in water at the rate of 1 pint per acre (equivalent to 1 fluid ounce per 2700 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 surfaces and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre.

WARNING (AREA CONTROL OF TICKS): Do not allow public use of treated areas during application or until spray has dried.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

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: Metal - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Plastic - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.