

USE DIRECTIONS

APPLICATION WITHIN RESIDENTIAL BUILDINGS INCLUDING HOMES AND APARTMENT BUILDINGS AND IN NONFOOD AREAS OF INDUSTRIAL INSTITUTIONAL, AND COMMERCIAL BUILDINGS INCLUDING NON-FOOD AREAS OF HOSPITALS, STORES, MANUFACTURING PLANTS AND WAREHOUSES

Dursban® Roach Concentrate mixes readily with water or oil. Dilute the required amount in water or in a base oil such as deodorized kerosene.

For 0.50% Spray: Mix 4 oz. Dursban® Roach Concentrate per gallon of water or insecticide base oil.

For 0.25% Spray: Mix 2 oz. Dursban® Roach Concentrate per gallon of water or insecticide base oil.

Use the higher concentration (0.50%) to quickly reduce heavy infestations and the lower concentration (0.25%) on light infestations. Repeat the treatment as necessary.

Note: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing Dursban Roach Concentrate 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.

For Spot Treatment Only: Apply as a coarse spray or with a paintbrush to localized areas where cockroaches (including strains resistant to certain other insecticides), ants, 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. Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches.

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 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.

APPLICATIONS WITHIN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS

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). Use 0.50% or 0.25% spray prepared by instructions above. Apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in joints between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where roaches, crickets, firebrats, silverfish, and spiders hide. Oil mixture only may be used in conduits, motor housing, junction or switch bases. 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 water mixture in conduits, motor housings, and electrical switch boxes.

Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

PESTS OUT OF DOORS General Information: Use Dursban Roach Concentrate for control of certain pests of lawns and ornamental plants. Consult the following directions for dosage and application details to control the pests listed.

Pests of Lawns and other Ornamental and Recreational Turf Grass Areas: Use Dursban Roach Concentrate insecticide to control ants, army worms, brown dog ticks, chinch bugs, crickets, cutworms, earwigs, fleas, grasshoppers and soil web

residex

DURSBAN®

ROACH CONCENTRATE

For Use by Pest Control Operators Only to Control Household and Turf Pests

WARNING: KEEP OUT OF REACH OF CHILDREN
Read Complete Precautions on Side Panel

Contains 1.2 lb. Chlorpyrifos per gallon

ACTIVE INGREDIENTS:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate) 16.00%

Petroleum Distillate 73.96%

INERT INGREDIENTS: 10.04%

Total 100.00%

Dursban T/M of THE DOW CHEMICAL COMPANY
U.S. Patent No. 3244588

E.P.A. Reg. No. 373-96
E.P.A. Est. No. 373-NJ-1

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225 TERMINAL AVENUE • CLARK, NJ 07066

worms (lawn moths). Mix Dursban Roach Concentrate with water directions given in the following table and apply as a coarse, low-pressure, suitable application equipment. For best results, the lawn should be mowed before treatment, and care should be taken to obtain complete and uniform coverage of infested areas. Spray when pests first appear; retreat when needed.

DOSAGE AND DILUTIONS FOR USE ON TURF

Area to be Treated	Amount of Dursban Roach Concentrate	Dilution
1,000 sq. ft.	2 fl. oz.	
5,000 sq. ft.	10 fl. oz.	
10,700 sq. ft.	20 fl. oz.	
One Acre	5 pints	

To control certain white grubs (larvae of European chafer and Japanese beetle), use 4.5 fl. oz. of Dursban Roach Concentrate per 1,000 sq. ft. Apply in an obtain uniform coverage of the area treated followed immediately watering to wash the insecticide into the turf. For best results treat young and actively feeding near the soil surface, usually during late July. Consult your local Agricultural Extension Service specialist for proper timing in your area.

To control turfgrass (Hyperodes) weevils, use 6 2/3 quarts of Dursban Roach Concentrate diluted in 1,300 gal. of water per acre. Spray suspected problem areas in 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 sow-bugs (pillbugs), treat a band of soil 6 to 10 feet wide around the building, also the building foundation to a height of 2 to 3 feet. Use the same dosage and dilution recommended for control of these pests on turf as shown in the above table. Apply as a coarse spray thoroughly and uniformly wet the band area.

Attention (Lawn and Ornamental Plant Pests): Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other water.

ENVIRONMENTAL AND USE PRECAUTIONS

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

Dursban Roach Concentrate also is toxic to fish, birds, and other wild animals. 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 empty container by perforating or crushing. Bury or discard in a safe place from water supplies.

Apply this product only as specified on this label.

WARNING

KEEP OUT OF REACH OF CHILDREN.
MAY BE FATAL IF SWALLOWED.
MAY BE ABSORBED THROUGH SKIN.
MAY BE IRRITATING TO THE EYES AND SKIN.

Do not wear contaminated clothing. Wash thoroughly after handling. Avoid spray particles. Handle concentrate in ventilated area. Keep away from food, feedstuffs and water supplies. Do not let children or pets contact treated areas until dry. Do not get in eyes, on skin, or on clothing. Wash all contaminated clothing with soap and hot water before reuse.

Flush contaminated eyes and skin with plenty of water and for eye irritation, seek medical attention.

NOTE TO PHYSICIAN

Dursban® Roach Concentrate is a cholinesterase inhibitor. Treat symptom with Atropine is an antidote.

Do not use, pour, spill, or store near heat or open flame.

Seller warrants that the product conforms to its chemical description and is fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other implied, extends to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable. Buyer assumes the risk of any such use.

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Petroleum Distillate 73.96%

INERT INGREDIENTS: 10.04%
Total 100.00%

*Dursban - T/M of THE DOW CHEMICAL COMPANY
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worms (lawn moths). Mix Dursban Roach Concentrate 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 TURF

Area to be Treated	Amount of Dursban Roach Concentrate	Dilute with Water to Give
1,000 sq. ft.	2 fl. oz.	30 gal.
5,000 sq. ft.	10 fl. oz.	150 gal.
10,700 sq. ft.	20 fl. oz.	300 gal.
One Acre	5 pints	1,300 gal.

To control certain white grubs (larvae of European chafer and Japanese beetle) use 4.5 fl. oz. of Dursban Roach Concentrate per 1,000 sq. ft. Apply in enough water to obtain uniform coverage of the area treated followed immediately by thorough watering to wash the insecticide into the turf. For best results treat when grubs are young and actively 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 turfgrass (Hyperodes) weevils, use 6-2/3 quarts of Dursban Roach Concentrate diluted in 1,300 gal. 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, millipedes, and sow-bugs (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 recommended 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.

Attention (Lawn and Ornamental Plant Pests): Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water.

ENVIRONMENTAL AND USE PRECAUTIONS

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 Roach Concentrate also is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, or ponds. 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 waste. Destroy empty container by perforating or crushing. Bury or discard in a safe place away from water supplies.

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MAY BE IRRITATING TO THE EYES AND SKIN

Do not wear contaminated clothing. Wash thoroughly after handling. Avoid breathing spray particles. Handle concentrate in ventilated area. Keep away from food, feed-stuffs and water supplies. Do not let children or pets contact treated area until thoroughly dry. Do not get in eyes, on skin, or on clothing. Wash all contaminated clothing with soap and hot water before reuse.

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

NOTE TO PHYSICIAN

Dursban* Roach Concentrate is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

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