

10-11-77-54 PM-12

CHEM-TOX DURSBAN 12 INSECTICIDE

Controls numerous pests of HOUSEHOLDS, TURF and ORNAMENTAL PLANTS. Also recommended for Control of WOOD DESTROYING PESTS (outdoors), Pests on Outside Surface of Buildings, FIRE ANT Control and Area Control of TICKS & CHIGGERS.

ACTIVE INGREDIENTS:	
* Chlorpyrifos [O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	12.6%
+ INERT INGREDIENTS:	87.4%
TOTAL:	100.0%

** U.S. Patent No. 3,244,586
+ contains aromatic petroleum distillate -79.4%
Dursban - registered trademark of the DOW Chemical Co

KEEP OUT OF REACH OF CHILDREN WARNING

See side panel for additional precautionary statement

EPA Reg. No. 45385-54

FPA Est. No. 45385-11-01

Net Content: _____

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING - Causes Eye irritation, harmful if swallowed. Do not take internally. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. 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. Do not allow children in treated area until spray has dried.

STATEMENT OF PRACTICAL TREATMENT

If swallowed - Do not induce vomiting. Contains aromatic petroleum solvent. Call physician immediately. If on skin - in case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water. If in eyes - Flush eyes with plenty of water for at least 15 min. Call a physician. NOTE to PHYSICIAN: Chlorpyrifos as a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

ENVIRONMENTAL HAZARDS

This product 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 drift 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. Do not contaminate water when disposing of equipment washwater. Apply this product only as specified on this label. 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.

PHYSICAL OR CHEMICAL HAZARDS

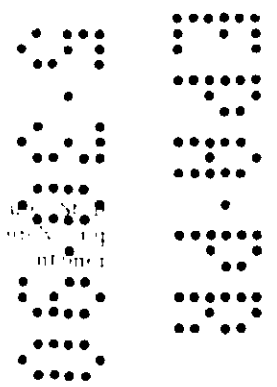
Combustible - Do not use or store near heat or open flame.

USE DIRECTIONS

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

STORAGE & DISPOSAL

STORAGE: Store in original container only, preferably in a locked area. Keep container tightly closed. Do not store in a cool, dry place. Do not use for food or drink. Containers remaining or storage. **POSSIBLE DISPOSAL:** See only in original container in several layers of newspaper and label marked **COMPLETED DISPOSAL**. Do not reuse container. Rinse thoroughly before discarding in trash.



Not Reviewed. Registration to be in accordance with
the provisions of Federal Product Guidance for Phase 2
Registration, 2-12, Agency Bulletin Change in Status.

APPLICATION

General Information: Use for control of certain pests on outside surface 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 SURFACE OF BUILDINGS: Use at the rate of 5 1/2 fl oz/gal of water (0.5%) 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 ants, crickets earwigs, millipedes, and sowbugs (pillbugs), treat a band of soil 6 to 10 ft. wide around and adjacent to the buildings, also the building foundation to a height of 2 to 3 ft., where pests are active and may find entrance. Use 2 pints per 100 gal of water and apply as a coarse spray at the rate of about 10 gal spray mixture per 1000 sq.ft to thoroughly and uniformly wet the band area.

PESTS OF LAWNS AND OTHER ORNAMENTAL AND RECREATIONAL TURF GRASS AREAS: Use to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute 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. **PEST OF ORNAMENTALS:** Use to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with pests listed in the following table.

Dilute 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 infested 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 day intervals, if needed. **NOTE:** Do not use on azaleas, poinsettias, rose bushes, or variegated ivy because of possible injury to these plants. **DOGWOOD BORER:** Apply to the trunks and lower limbs of dogwood trees when adults begin to emerge. Consult your State Agricultural Experimental Station or Extension Service specialist for proper time in your area. Mix at the rate on 1 gal in 100 gal of water and apply uniformly on trees as a coarse, low-pressure spray. **PEACH TREE BORER:** Apply 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 Experimental Station or Extension Service specialist for proper time to treat in 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: Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water. **NATIVE FLM BARK BEETLE:** Prevention of overwintering. To prevent the adult beetle from overwintering in uninfested trees and to reduce beetle population in disease-free areas. Apply as a 0.5% mixture to the bottom 9 ft. 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 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 0.5% 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 insecticide to control ticks and chiggers infesting non-cropland 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 insecticide in water at the rate of 2 pints per acre (equivalent to 1 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 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 insecticide 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 12 diluted at the rate of 16 fl. oz per 100 gallons of water. Do not remove burlap wrap or plastic containers with drain holes prior to submerging. Keep soil submerged until saturation has occurred, normally about 30 seconds. Wear rubber gloves, boots and apron during operation. **TREATMENT OF FIRE ANT MOUNDS:** Apply Dursban 12 as a drench diluted at the rate of 2 fl. oz (30cc) per 2 gal. of water. Gently sprinkle a total of 1 gal. of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding areas 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.

TERMITE & NUMEROUS SOIL INSECTS: -General. This product is particularly useful for prevention and control of termites and certain wood destroying insects. For termites, the chemical solution should be adequately dispersed in the soil to provide a lethal barrier between the wood in the structure and termite colonies in the soil. It can also be used for treatment of localized areas of wooden structures and stored lumber to control wood infesting beetles, carpenter ants and carpenter bees. In addition, this product controls many common pests in lawns and other outdoor areas around the home. **Mixing Directions for each use:** Shake well before using. **TERMITE CONTROL (indoors):** Remove all wood debris and wood forms. Determine the extent of termite infestation. For prevention and light infestation, treat soil adjacent to both sides of masonry foundation of poured concrete piers by digging a trench 6 inches wide and 4 inches deep per down to the top of the footing which is 12 inches for brick and block foundations dig the trench about 12 inches deep. If footing is more than 12 inches deep, place holes 6 inches in diameter, pipe or a rod about one foot apart that extend from the trench bottom to the top of the footing. Make holes 12 inches in hard packed clay soils. **NEVER DIG BELOW THE TOP OF THE FOOTING.** A full information of public and private water supplies by following these precautions. Do not allow a hose or any type of faucet extension to reach into the trench. chemical solution while filling or mixing this material with water. Use anti-backflow or anti-siphonage equipment on all hose equipment. These devices can be purchased at hardware or plumbing supply stores. Use anti-backflow equipment.

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insure that the use of this toxic chemical will not contaminate domestic water supplies. Refer to FHA (Federal Housing Administration), state and local specifications for safe distances of treatment areas from wells. Soil in the vicinity of wells, cisterns or ponds should be treated. Do not treat structures that contain cisterns or wells. NOTE: When conditions will not permit trenching, surface application adjacent to interior foundation walls may be made but the treated strip should not exceed 18" width. Apply solution with a sprinkling can. Mix 5-1/3 fl. oz per gallon of water and treat 2-1/2 linear feet of trench or foundation (one half gallon of concentrate will make 12 gallons of diluted solution and treat 30 linear feet). Mix solution into soil as it is replaced in the trench. Cover treated soil with a layer of untreated soil. Be sure to treat the interiors of accessible hollow block foundations at same rate as above. Be careful to have adequate ventilation when treating areas under structure. For severe infestation or treatment under slabs, in basements and buildings with insufficient crawl space etc., contact a licensed pest control operator or termite control service. Retreatment for subterranean termites should only be made when there is evidence of reinfestation subsequent to the initial treatment, or there has been a disruption of the chemical barrier in the soil due to construction, excavation, landscaping, etc. Reapplication should be made as a spot treatment to those areas. Annual retreatment of the entire premises must be avoided.

FENCE POSTS - TERMITE PREVENTION: Apply one gallon of diluted spray per post hole. Pour one half of solution into hole and add the remaining 1/2 gallon diluted solution to the soil when filling the hole so that all the fill soil is treated to form a protective barrier. NOTE: Do not treat structure that contain cisterns or wells. Do not treat soil that is water saturated or frozen. Consult state and local specifications for recommended distances or treatment from well.

TREATMENT FOR WOOD DESTROYING PESTS (OUTDOORS): (powder post beetles, furniture beetles, deathwatch beetles, round-headed house borers, carpenter ants, carpenter bees) Treat localized areas of infested wood. With a paint brush, use 2-1/2 TBS. (tablespoonfuls) per quart of water. Apply emulsion evenly on wood surfaces. Allow to dry and repeat treatment to ensure penetration. For wood piles (excluding firewood) and stored lumber, apply 5-1/3 fl. oz per gal. of water. Use a sprinkling can to deliver a coarse drenching spray. Do not use in structures occupied by animals, to be used for food purposes or which produce products for human consumption.

Terms of sale or use on purchase of use of this product:

Warranty: Manufacturer and seller warrants that this product, as of the time of sale conforms to the ingredient statement on the label, and is reasonably fit for the purpose set forth in the Directions for Use. Except as so warranted, the product is sold as is. Manufacturer makes no other warranty express or implied. DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages, not exceeding the purchase price and shall not include incidental or consequential damages. Notice of any claim must be reported to manufacturer within 10 days of discovery by buyer or user, failing which buyer or user waives any claim for such damage. Excuse from non-controllable conditions: Because of certain critical conditions created or incurred by buyer or user over which manufacturer has no control, buyer and user as a condition of purchase or use, assume responsibility for and release manufacturer from liability arising out of handling or use of the product attributable to such causes. No person is authorized to vary or waive any statement contained herein.

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ORDER CODE: EC-519-G

