

ACCEPTED

MAR 4 1982

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 239-2513

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING:

Causes eye irritation. Harmful if swallowed. Do not get in eyes, on skin or clothing. Avoid breathing vapors and spray mist. Handle concentrate in ventilated area. Wash thoroughly after handling and before eating or smoking. Do not wear contaminated clothing or shoes. Keep away from food, feedstuffs and domestic water supplies. Keep children and pets out of treated areas until these areas are dry.

STATEMENT OF PRACTICAL TREATMENT—If swallowed: DO NOT make person vomit. Call a doctor 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. Call a physician and get prompt medical attention.

Note To Physicians: Emergency information - call (415) 233-3737. This product contains an aromatic petroleum solvent and may present an aspiration problem. Chlorpyrifos is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine by injection is antidotal; 2-PAM may also be given in conjunction with atropine, but should never be used alone.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS: Do not use 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.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

GENERAL: ORTHO-KLOR Soil Insect & Termite Killer is particularly useful for prevention and control of ants, 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, firewood piles and stored lumber to control wood infesting borers, carpenter ants and carpenter bees. In addition, this product controls many common pests in lawns and other outdoor areas around the home. Make new dilution for each use.

NOTE: 2 TBS equals 1 fl. oz.

SHAKE WELL BEFORE USING

FOR TERMITES (Outdoors): 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 infested foundations of poured concrete, pipes or piers by digging a trench 6 inches wide and 4 inches deep (or down to the top of the footing whichever is less). For brick and block foundations dig the trench about 12 inches deep. If footing is more than 12 inches deep, make holes with a crowbar, pipe or rod about one foot apart that extend from the trench bottom to the top of the footing. Make holes closer in hard-packed clay soils. NEVER DIG BELOW THE TOP OF THE FOOTING. Avoid contamination 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 termite chemical solution while filling or mixing this material with water. Use anti-backflow or anti-siphonage equipment on all filling equipment. These devices can be purchased at hardware or plumbing supply stores. Use of anti-backflow equipment will help insure that the user 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 not 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" in width. Apply solution with a sprinkling can. Mix 5 1/2 fl. oz. per gallon of water and treat 2 1/2 linear feet of trench or foundation (one half gallon of ORTHO-KLOR Soil Insect & Termite Killer 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 interior of accessible hollow block foundations at same rate as above. Be careful to have adequate ventilation when treating areas under structure. For severe infestations 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



ORTHO

ORTHO-KLOR® Soil Insect & Termite Killer

CONTAINS: DURSBAN® SOIL INSECTICIDE
EFFECTIVE CHLORDANE REPLACEMENT

CONTROLS: Ants, Subterranean Termites, Powder Post Beetles, Crickets, Chinch Bugs, Wood Borers, Carpenter Ants, Grubs, Cutworms, Fleas, Armyworms, Ticks, Mosquitoes, Grasshoppers, European Crane Fly Larvae, Crickets, Fire Ants, Sod Webworms and many other soil insects and home invading pests.

FOR USE: Around foundations, outside buildings, on lawns, under shrubs, on woodpiles, stored lumber, fence posts and other structures made of wood.

Active Ingredients	By Wt.
Chlorpyrifos * [O,O-diethyl O-(3,5,6-Trichloro-2-pyridyl)phosphorothioate]	12.6%
Inert Ingredients	87.4%
* This product contains aromatic petroleum solvent.	
* DURSBAN® - Reg. TM of Dow Chemical Company for Chlorpyrifos Insecticide	

Keep out of reach of children

WARNING

See side panel for additional precautionary statements.

NET CONTENTS 1/2 GAL.

Chevron Chemical Company © 1984

Ortho Consumer Products Division

San Francisco CA 94120-7144

Product 5522 Made in U.S.A.

R Form 10528-B

Richmond CA 94804-0036

EPA Reg. No. 239-2513-AA

EPA Est. 239-1 239-MO-1
Superscript used in letter of lot number.

Lawn and Nuisance
Pests - Makes up to
548 Gallons of Spray

For Termites, Treats
30 Linear Feet of
Trench.

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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.

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. Apply 2 1/2 TBS. (Tablespoonfuls) per quart of water. Apply solution evenly on wood surfaces. Allow to dry and repeat treatment to ensure penetration.

For wood piles and stored lumber apply 5 1/2 fl. oz. per gallon of water. Use a sprinkling can. ORTHO-KLOR SOIL INSECT & TERMITE KILLER is not to be used for food purposes or which produce products for human consumption.

FENCE POST-TERMITE PREVENTION: Apply one gallon of diluted ORTHO-KLOR Soil Insect & Termite Killer per post hole. Pour one half of solution into hole and add the remaining 1/2 gallons 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 structures that contain cisterns or wells. Do not treat soil that is water saturated or frozen. Consult state and local specifications for recommended distances of treatment from well.

HOME INVADING PESTS (Outside Dwellings): Ants, Fleas, Ticks, Sawflies, Grackles, Chinchbugs, Millipedes, etc. For best results, apply with an ORTHO Lawn Sprayer. Use 1 1/2 fl. oz. in 15 gallons to treat 500 sq. ft. Note: One half Tablespoonful in 2 gallons water covers 66 sq. ft. To help prevent infestation of buildings, treat a band of soil 6-10 feet wide around and adjacent to the building, from the building's foundation to a height of 2-3 feet when pests are active and may find entrance. Do not treat pets with this product. Do not use inside dwellings.

IMPORTED FIRE ANT MOUNDS: Mix 2 TBS. (Tablespoonfuls) per gallon of water to each individual mound, using a sprinkler can. Thoroughly wet mound and treat a 4 foot diameter circle around the mound. For best results, apply in cool weather or in early morning or late afternoon. Treat new mounds as they appear.

LAWN PESTS: Armyworm, Lawn Moth Larvae (Sod Webworms), Dichondra Flea Beetles, Chinchbugs, Cutworms, European Crane Fly (Larvae), Fiery Skipper Larvae (California and Hawaii only), Tropical Grass Webworms (Hawaii only), Grasshoppers, Crickets, Chiggers, Clover Mites, Earwigs, Fleas. For best results, apply with an ORTHO Lawn Sprayer, mix 1 1/2 fl. oz. in 15 gallons water to treat 500 sq. ft. of lawn.

Mow lawn and water well 1-2 days before treatment. Heavy watering should be withheld for 2-3 days following treatment. Spray when pests first appear. Treat entire lawn. Do not attempt to control lawn pests by spot spraying. Repeat treatments may be necessary at 4-6 week intervals. Sprays are most effective if applied during 2 hour period prior to darkness when lawn insects become active. For European Crane Fly control, consult your local Agricultural Extension Service for proper timing of application for your area.

WHITE GRUBS IN LAWNS: (Larvae of European Chafer and Japanese Beetle) - Mix 1 1/2 fl. oz. in 15 gallons water to treat 500 sq. ft. For best results, use an ORTHO Lawn Sprayer. Treat entire lawn. Do not attempt to control lawn pests by spot spraying. Water lawn thoroughly following application to wash the insecticide into the soil. Treat lawn 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.

NOTE: Mosquitoes coming to rest on areas treated for the control of lawn and home invading pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions. Note: Do not use on vegetables or food crops. Do not use on azaleas, camellias, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed, foodstuffs and domestic water supplies. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray. Store above freezing. Handle concentrate in a ventilated area. Keep container closed.

DISPOSAL: PRODUCT—Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. **CONTAINER—**Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

COPY B

Note: This product is not intended for control of termites which do not require contact with the soil for moisture, such as: drywood, dampwood on powderpost termites. Consult the County or State Agricultural Extension Service for termite identification.

COPY C

DO NOT USE INSIDE DWELLINGS

COPY D

TRENCH TREATMENT

COPY E

Any accessible voids in hollow blocks in the

COPY F

This product is not intended for

COPY G

Mix 2 1/2 TBS (tablespoonfuls) per quart of water. Apply emulsion evenly on wood surfaces with a paint brush.

COPY H

Use ORTHO Dial'n Spray®, or ORTHO SPRAY-ETTE 4® hose end sprayers or sprinkling can to deliver a coarse drenching spray.

COPY I

Home Invading Pests (Outside Dwellings): Ants, Bees, Beetles (1), Box Elder Bugs, Carpenter Ants (1), Carpenter Bees (1), Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Elm Leaf Beetles, Fleas, Flies, Hornets, House Flies, Millipedes, Mosquitoes, Scorpions (2), Silverfish, Sowbugs, Spiders, Springtails, Ticks, Wasps, Yellowjackets.

Note: Number in parenthesis refer to Specific Directions.

(1) For added information, see section on Treatment For Wood Destroying Pests.

(2) For Scorpions, remove accumulations of lumber, firewood, and other materials which serve as harborage sites and treat areas beneath and adjacent to infested areas.

For Pest Control on Outside Surfaces and Around Buildings: Apply ORTHO-KLOR Soil Insect & Termite Killer as a residual spray to outside surfaces of buildings and surrounding areas, including porches, window frames, doorways, foundations, eaves, patios, garages, refuse dumps, garbage cans and garbage areas, and other areas where pests congregate or have been seen or where they can gain entrance. Repeat treatment as needed to maintain effectiveness: Do not treat pets with this product. **DO NOT USE IN DWELLINGS.**

Use a band treatment to help prevent infestation of buildings. Treat a band of soil 5 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. Apply as a coarse spray at the rate of 10 gallons spray mixture per 1,000 sq.ft. to thoroughly and uniformly wet the band areas.

Amount To Use For Home Invading Pests (Outdoors):

For use in Ortho Sprayette® Hose End Sprayer pump up tank type sprayer or sprinkling can: Apply 2 teaspoonfuls in one gallon of water to cover 100 sq. ft. For use in an ORTHO Dial'n Spray® hose end sprayer: Add 3 1/2 fl. oz. undiluted

product to sprayer jar, set dial on sprayer at 2 tsp/gallon and spray until jar is empty to treat 1,000 sq. ft. area. For use with an ORTHO Lawn Sprayer: Add 3 $\frac{1}{4}$ fl. oz. product to sprayer jar. Add water to jar to the 10 gallon mark and spray evenly over 1,000 sq. ft. area.

COPY J

For use in an ORTHO Dial'n Spray® hose end sprayer: Add 3 $\frac{1}{2}$ fl. oz. undiluted product to sprayer jar, set dial on sprayer at 2 tsp/gallon and spray until jar is empty to treat 1,000 sq. ft. area. For use with an ORTHO Lawn Sprayer: Add 1 $\frac{3}{4}$ fl. oz. product to sprayer jar, fill jar with water to the 15 gallon mark and spray evenly over 500 sq. ft. area.

COPY K

For use in an ORTHO Dial'n Spray® hose end sprayer: Add 13 fl. oz. undiluted product to sprayer jar, set dial on sprayer at 1 oz. per gallon and spray until jar is empty to treat 1,000 sq. ft. area. Water lawn thoroughly after application.

For use with an ORTHO Lawn Sprayer: Add 6 $\frac{1}{2}$ fl. oz. product to sprayer jar. Fill jar with water to the 15 gallon mark and spray evenly over 500 sq. ft. area.

COPY L

Mosquitoes (outdoors):

COPY M

Spiders, Mosquitoes, Box Elder Bugs, Scorpions

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