

MAR 02 1995

Ms. Elsa Zisook
The Solaris Group of Monsanto Company
P.O. Box 5006
San Ramon, California 94583-0906

Subject: Revised Labeling--Additional Sites, Claims
Ortho-Klor Soil Insect & Termite Killer
EPA Registration Number 239-2513
Your Amendment Application Dated October 4, 1994

Dear Ms. Zisook:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

BEST AVAILABLE COPY

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 1-800-457-2022. 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 OR 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, subterranean 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. **DO NOT USE INSIDE DWELLINGS.**

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

Note: 2 lbs. equals 1 fl. oz.

SHAKE WELL BEFORE USING

FOR TERMITES (Outdoors) TRENCH TREATMENT: Remove all wood debris and wood form. 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 a 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 any accessible voids in hollow blocks in the foundations of the same rate as above. Be careful to have adequate ventilation when treating areas under structure. This product is not intended 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 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. Mix 2 1/2 lbs. (Tablespoonfuls) per quart of water. Apply emulsion evenly on wood surfaces with a paint brush. 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 ORTHO Dial'n Spray® or ORTHO SPRAY-ETTE® 4 hose-end sprayers or 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.



ORTHO

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

For Termites, Treats 30 Linear Feet of Trench.

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, Fire Ants, Sod Webworms, Spiders, Box Elder Bugs, Scorpions, 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 Ingredient	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 Elanco.

Keep out of reach of children

WARNING

See side panel for additional precautionary statements.

ACCEPTED with COMMENTS in EPA Letter Dated

NET CONTENTS 1/2 GAL.

Chevron Chemical Company © 1984

Ortho Consumer Products Division

P.O. Box 5047 San Ramon CA 94583-0947

Product 5522

MADE IN U.S.A.

EPA Est. 239 MO-1

MAR 02 1995

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

FENCE POST — TERMITES: ORTHO-KLOR Soil Insect & Termite Killer can be applied to the hole filling the hole so that the hole is water saturated. **NOTE:** Do not treat structures that are water saturated. Recommended distances: (1) For added information: (2) For Scorpions, remove materials which serve adjacent to infested areas.

HOME INVADING PESTS: Elder Bugs, Carpenter Ants, Cockroaches, Crickets, Ear Flies, Millipedes, Mosquitoes, Springtails, Ticks, Wasps. **NOTE:** Number in parentheses (1) for added information.

FOR PEST CONTROL: Apply ORTHO-KLOR Soil Insect & Termite Killer to surfaces of buildings, frames, doorways, four garbage cans and garbage or have been seen or needed to maintain a DO NOT USE IN DWELLINGS.

Use a band treatment of soil 6 to 10 feet wide foundation to a height entrance. Apply as a rate per 1,000 sq ft. to the AMOUNT TO USE FOR

For use in ORTHO SPRAY or sprinkling can: Apply 100 sq ft. For use in a fl. oz. undiluted product and spray until jar is empty. ORTHO Lawn Sprayer: 10 jar to the 10 gallon

IMPORTED FIRE ANT MOUND: water to each individual mound and treat a 4 foot area in cool weather mounds as they appear.

LAWN PESTS: Armyworms, Flea Beetles, Chinchbug Skipper Larvae (California (Hawaii only), Grasshoppers, Fleas — For use in a 10 fl. oz. undiluted product to spray until jar is empty.

Lawn Sprayer: Add 1 1/2 the 15 gallon mark and Mow lawn and water will be withheld for 2-3 appear. Treat entire lawn spraying. Repeat treatments are most effective if applied when insects become a local Agricultural Extension your area.

WHITE GRUBS IN LAWN: For use in an ORTHO Dial'n product to sprayer jar, set jar is empty to treat 1,000 sq ft. For use with an ORTHO jar. Fill jar with water to 1/2 area. Treat entire lawn spraying. Water lawn that into the soil. Treat lawn soil surface, usually during cultural Extension Service.

MOSQUITOES (Outdoors): control of lawn and home of time after treatment, do conditions. **NOTE:** Do not use on carnations, poinsettias, injury to these plants.

STORAGE AND DISPOSAL: STORAGE: Keep pesticide dilute into food or drink and domestic water supply storage area. Do not concentrate in a ventilated area. **DISPOSAL: PRODUCT —** wrap original container in newspaper. **CONTAINER —** discard in trash.

NOTICE: Buyer assumes responsibility for following directions.

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NOTICE: Buyer assumes responsibility for following directions.

Helps Keep Your Lawn Healthy - Controls Insect Pests That Can Cause Unsightly Brown Spots And Dead Grass

Kills Insects That Damage Ornamentals, Shade Trees, And Fruit Trees

Kills Borers And Leafminers

Kills Insects: Peachtree Borer, Dogwood Borer, Lilac Borer, Leafminers, Needleminers, Leaf Beetles, Twig Borer, Pine Beetles, Elm Bark Beetles

Ideal For Use On Ornamentals, Shade Trees, And Fruit Trees

Can Be Applied As A Foliar Spray

Can Be Applied As A Trunk Spray

Can Be Applied With Ortho Hose-End Applicators

COPY B

FOR OUTDOOR HOME & GARDEN USE ONLY

ORTHO-KLOR Soil Insect & Termite Killer is an easy to apply product to control lawn insects, home invading pests, fire ants, wood destroying insects including exposed termites, and borers that attack ornamental plants, fruit trees, and shade trees. When used as directed, it helps lawns and gardens stay vigorous, healthy, and green by controlling bugs that cause problems.

COPY C

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TREES AND SHRUBS

Borers & Leafminers

Cottonwood, Elm, Willow - Cottonwood Beetles, Elm Leaf Beetles, Flea Beetles, Willow Leaf Beetles; **Rhododendron, Poplar, Pine** - Blackvine Weevils, Yellow Poplar Weevils, Pine Weevils: Use 4 tsp. in 1 gal of water. Apply when pests appear. Thoroughly wet upper and lower leaf surfaces. Retreat at 7 to 10 day intervals if needed.

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Ash, Lilac, Oak, Dogwood, Rhododendron, Birch, Locust - Ash Borers, Dogwood Borers, Lesser Peachtree Borers, Lilac Borers, Oak Borers, Rhododendron Borers, Bronze Birch Borers, Flatheaded Appletree Borers, Locust Borers, Red Oak Borers - Spray when adults begin to emerge; **Elm, Birch, Locust** - Leafminers - Spray in early and mid May when leafminers appear; **Pine, Spruce** - Needleminers: Use 1-1/2 fl oz (3 Tbs) in 1 gal of water.

Elm, Pine, Spruce - Ambrosia Beetles, Black Turpentine Beetles, European Elm Bark Beetles, Japanese Beetles, June Beetles, Southern Pine Beetles, Spruce Beetles: Use 10-2/3 fl oz (1-1/4 cups) in 1 gal of water. Apply only with a tank sprayer. To prevent infestation, spray in early Spring. To treat infested trees, spray before adult beetles emerge.

FRUIT TREES

Apples - Dogwood Borer: Use 2 fl oz (4 Tbs) in 1 gal of water. Starting in the spring, spray trunks and soil around the base of trees. Apply up to 8 times per season. Wait 3 weeks before retreating. Wait 1 month after last spraying before harvesting fruit.

Sweet Cherries - Lesser Peachtree Borers, Great Peachtree Borers, American Plum Borers: Use 2 fl oz (4 Tbs) in 1 gal of water. Spray trunks and lower limbs. To prevent leaf damage, avoid foliage contact. Apply up to 3 times per season. Wait 2 weeks before retreating. Wait 1 week after spraying before harvesting fruit. Make 3rd application after harvest.

Sour Cherries - American Plum Borers, Lesser Peachtree Borers, Pacific Flatheaded Borers, Peach Twig Borers, Peachtree Borers, Shothole Borers: Use 2 fl oz (4 Tbs.) in 1 gal of water. Spray trunks and lower limbs. Apply up to 3 times per season. Wait 2 weeks after spraying before harvesting fruit. Consult you Extension Service Specialist for the best time to treat.

Nectarines, Peaches - Peachtree Borers: Use 4 fl oz (8 Tbs) in 1 gal of water. Application timing is important. Consult your Extension Service Specialist for proper time to treat. Spray bark from the ground up to the lower branches. **Do not spray fruit.** Make only 1 application per year. Wait 2 weeks after spraying before harvesting fruit.

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The SOLARIS Group of
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P.O. Box 5008
San Ramon CA 94583-0808
Form _____ Product 5522
EPA Reg. No. 239-2513
EPA Est. 239-IA-3¹, 58996-MO-1^A
Superscript is first letter of lot code

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