SPECIMEN LABEL

LOT

DOW

TERMITICIDE CONC

FOR CONTROL OF SUBTERRANEAN TERMIT

Reticulitermes and Coptotermes

To Be Applied Only By or Under the Supervision of Pest Control Operators or Othe

ACTIVE INGREDIENTS:

Chlorpyrifos [O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	44.4%
Xylene range aromatic solvent	47.7%
INERT INGREDIENTS:	7.9%

Contains 4 pounds of chlorpyrifos per gallon.

EPA Registration No. 464-464 **EPA Est. 464-MI-1**

PRECAUCION AL USUA
que la etiqueta le haya sido
TRANSLATION: (TO THE
duct until the label has be

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans

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

Do Not Take Internally • Do Not Get in Eyes, on Skin or on Clothing • Avoid Breathing Vapors and Spray Mist
Wash Thoroughly After Handling and Before Eating or Smoking • Do Not Wear Contaminated Clothing or Shoes

Statement of Practical Treatment

If Swallowed: Do not induce vomiting. Call a physician 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 for at least 15 minutes. Call a physician.

Note to physician: Chlorpyrifos is a cho
antidote.

Physi

Do Not Use or Store Near H

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This product is highly toxic to bees expose
tained from your Cooperative Agricultural
Dow Termiticide Concentrate is toxic to fi
and estuaries. Do not apply where runoff
disposal of wastes.

In case of an emergency endangering life or property involving this product, call collect
517-636-4400

AGI
Do Not Ship o

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158

DOW

TICIDE CONCENTRATE

FOR CONTROL OF SUBTERRANEAN TERMITES

Reticulitermes and Coptotermes

y or Under the Supervision of Pest Control Operators or Other Trained Professional Personnel

loro-2-pyridyl)
..... 44.4%
..... 47.7%
..... 7.9%
allon.

EPA Est. 464-MI-1

PRECAUCION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

KEEP OUT OF REACH OF CHILDREN

WARNING

ARY STATEMENTS
to Humans
• MAY BE ABSORBED THROUGH SKIN
US TO EYES AND SKIN
in or on Clothing • Avoid Breathing Vapors and Spray Mist
Smoking • Do Not Wear Contaminated Clothing or Shoes

Practical Treatment
in immediately. If On Skin: In case of contact, remove con-
and water. If In Eyes: Flush eyes with plenty of water for at

Note to physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

Physical or Chemical Hazards
COMBUSTIBLE
Do Not Use or Store Near Heat or Open Flame • Do Not Cut or Weld Container

Environmental Hazards
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.
Dow Termiticide Concentrate is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes.

r property involving this product, call collect
36-4400

AGRICULTURAL CHEMICAL
Do Not Ship or Store with Food, Feeds, Drugs or Clothing

JULY, 1980.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner [illegible] labeling

Wear suitable protective equipment and clothing when [illegible] product to help avoid exposure to eyes and skin. As a [illegible] worker's goggles, neoprene or natural rubber gloves and footwear [illegible] sleeved shirt and long legged pants or coveralls are recommended. [illegible] breathing spray mist during application in confined areas, wear [illegible] respirator of a type recommended by NIOSH for filtering spray mists and organic vapors

General [illegible]nation DOW Termiticide Concentrate is designed for treatment of soil to esta[illegible] a barrier which is lethal to termites. The product should be adequately dispersed in the soil to provide a barrier between the wood in the structure and termite colonies in the soil or to control termites living in the structure. To ensure safe and effective use of the product, it is essential that the professional applicator be familiar with current termite control practices including trenching, rodding, sub-slab injection and low-pressure spray applications. These techniques must be correctly employed to prevent or control infestation by subterranean termites, including *Reticulitermes* and *Coptotermes*. Choice of appropriate procedures should include consideration of such variable factors as the design of the structure, water table, soil type, soil compaction, grade conditions, and domestic water supplies, location and type. The biology and behavior of the involved termite species are important factors as well as the suspected location of the colony and severity of infestation within the structure to be protected. For advice concerning current control practices with relation to specific conditions, consult resources in structural pest control.

Annual inspections of the treated area should be made. Retreatment may be necessary if there is an active infestation or if there has been a disruption of the chemical barrier in the soil due to construction, excavations, landscaping, etc. Soil should not be treated when excessively wet. The termites' source of moisture should be eliminated by providing a chemical barrier and/or repairing faulty construction.

Contamination of public and private water supplies must be avoided by following these precautions: Use antiback-flow equipment or procedures to prevent syphonage of pesticide back into water supplies. Do not treat soil that is water saturated or frozen. Consult state and local specifications for recommended distances of treatment areas from wells, and refer to Federal Housing Administration Specifications for further guidance.

All nonessential wood and cellulose containing materials, including scrap wood and form boards, should be removed from around foundation walls, crawl spaces, and porches.

Dosage and Mixing Instructions: DOW Termiticide Concentrate is recommended for use as an aqueous emulsion containing 1% chlorpyrifos. To prepare a 1% emulsion add 2 gallons of the concentrate to 98 gallons of water and mix thoroughly. Apply the emulsion and use the following directions as a guide for the more common types of construction. For other types of construction, different application methods may be necessary.

APPLICATION DIRECTIONS

PRECONSTRUCTION SUBTERRANEAN TERMITE CONTROL

Effective preconstruction subterranean termite control requires the establishment of an unbroken vertical and/or horizontal chemical barrier between wood in the structure and the termite colonies in the soil.

To meet F.H.A. termite proofing requirements, follow the latest edition of the Housing and Urban Development (H.U.D.) Minimum Property Standards.

After grading is completed and prior to the pouring of the slab, slab supported/constructed porches or entrance platforms, make the following treatments. Applications shall be made with low pressure spray for horizontal barriers over areas intended for covering floors, porches and other critical areas [illegible] barrier [illegible] base of foundations [illegible] against [illegible] other critical areas

1. When it [illegible] necessary to produce a horizontal barrier, apply the emulsion at the rate of 1 gallon per 10 square feet to dirt fill. If fill is washed gravel or other coarse material, apply at 1 1/2 gallons per 10 square feet. It is important that the emulsion reaches the soil substrate

   i. If concrete slabs cannot be poured over soil the same day it has been treated, a water proof cover, such as polyethylene sheeting, should be placed over the soil. This is not necessary if foundation walls have been installed around the treated soil

2. To produce a vertical barrier, apply the emulsion at the rate of 4 gallons per 10 linear feet per foot of depth

   a. Rodding and/or trenching applications should not be made below the top of the footing

   b. Trench need not be wider than 6 inches

   c. Rod holes should extend from the base of the trench to the top of the footing and should be spaced (about a foot) to provide a continuous barrier.

   d. Emulsion should be mixed with the soil as it is being replaced in the trench. Cover treated soil with a layer of untreated soil

3. Hollow block foundations or voids of masonry should be treated to make a continuous chemical barrier in voids. Apply at the rate of 2 gallons of emulsion per 10 linear feet so it will reach the footing.

4. For cr[illegible] spaces apply at the rate of 4 gallons of emulsion per 10 linear feet and fo[illegible] of depth from grade to bottom of foundations. Application may be made by rodding and/or trenching. Treat both sides of foundation and around all piers and pipes

   a. Rod holes should be spaced (about 1 foot) to provide a continuous chemical barrier

   b. Trench need not be wider than 6 inches nor **below** the foundation. The emulsion should be mixed with the soil as it is being replaced in the trench. Cover the treated soil with a layer of untreated soil

   c. Do not apply this product in any manner to an area intended as a plenum air space

   d. **Do not apply this product as an overall treatment to soil in crawl spaces.**

All holes drilled in construction elements for treatment should be securely plugged.

POSTCONSTRUCTION TERMITE CONTROL

Postconstruction applications shall be made by injection, rodding and/or trenching.

Do not apply emulsion until location of heat or air conditioning ducts, vents, water and sewer lines or electrical conduits are known and identified. Extreme caution must be taken to avoid contamination of these structural elements and airways. Do not apply this product in any manner to an area intended as a plenum air space.

1. For slab-on-ground construction apply at the rate of 4 gallons of emulsion per 10 linear feet. Application may be made by sub-slab injection. Injectors should not extend beyond the tops of the footings. Treat along the outside of the foundation and where necessary on the inside of foundation walls. Treatment may also be required along one side of interior partitions and along all cracks and expansion joints.

   a. Drill holes in the slab to provide a continuous chemical barrier

   b. Where necessary, drill through the foundation walls from the outside and force the emulsion just beneath the slab or along the inside of the foundation or along all the cracks and expansion joints and other critical areas.

Establish a vertical barrier in areas such as around the base of foundations, [illegible] backfilled soil against foundation walls and other critical areas.

1. Where it is necessary to produce a horizontal barrier, apply the emulsion at the rate of 1 gallon per 10 square feet to dirt fill. If fill is washed gravel or other course material, apply at 1 1/2 gallons per 10 square feet. It is important that the emulsion reaches the soil substrate.

a. If concrete slabs cannot be poured over soil the same day it has been treated, a water proof cover, such as polyethylene sheeting, should be placed over the soil. This is not necessary if foundation walls have been installed around the treated soil.

2. To produce a vertical barrier, apply the emulsion at the rate of 4 gallons per 10 linear feet per foot of depth.

a. Rodding and/or trenching applications should not be made below the top of the footing.

b. Trench need not be wider than 6 inches.

c. Rod holes should extend from the base of the trench to the top of the footing and should be spaced (about a foot) to provide a continuous barrier.

d. Emulsion should be mixed with the soil as it is being replaced in the trench. Cover treated soil with a layer of untreated soil.

3. Hollow block foundations or voids of masonry should be treated to make a continuous chemical barrier in voids. Apply at the rate of 2 gallons of emulsion per 10 linear feet so it will reach the footing.

4. For crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet and foot of depth from grade to bottom of foundations. Application may be made by rodding and/or trenching. Treat both sides of foundation and around all piers and pipes.

a. Rod holes should be spaced (about 1 foot) to provide a continuous chemical barrier.

b. Trench need not be wider than 6 inches nor **below** the foundation. The emulsion should be mixed with the soil as it is being replaced in the trench. Cover the treated soil with a layer of untreated soil.

c. Do not apply this product in any manner to an area intended as a plenum air space.

d. **Do not apply this product as an overall treatment to soil in crawl spaces.**

All holes drilled in construction elements for treatment should be securely plugged.

POSTCONSTRUCTION TERMITE CONTROL

Postconstruction applications shall be made by injection, rodding and/or trenching.

Do not apply emulsion until location of heat or air conditioning ducts, vents, water and sewer lines or electrical conduits are known and identified. Extreme caution must be taken to avoid contamination of these structural elements and always. Do not apply this product in any manner to an area intended as a plenum air space.

1. For slab-on-ground construction apply at the rate of 4 gallons of emulsion per 10 linear feet. Application may be made by sub-slab injection. Injectors should not extend beyond the tops of the footings. Treat along the outside of the foundation and where necessary on the inside of foundation walls. Treatment may also be required along one side of interior partitions and along all cracks and expansion joints.

a. Drill holes in the slab to provide a continuous chemical barrier.

b. Where necessary, drill through the foundation walls from the outside and force the emulsion just beneath the slab or along the inside of the foundation or along all the cracks and expansion joints and other critical areas.

c. For crawl spaces dig a narrow trench approximately six [illegible] along the outside of the foundation walls. Do not dig below the bottom of the footings. The emulsion should be applied to the trench and the soil at 4 gallons per 10 linear feet as the soil is replaced in the trench. Cover the treated soil with 6 inches of untreated soil.

d. For foundations deeper than 1 foot follow rates for basements.

2. Hollow block foundations or voids of masonry should be treated to make a continuous chemical barrier in voids. Apply at the rate of 2 gallons of emulsion per 10 linear feet.

3. For basements apply at the rate of 4 gallons of emulsion per 10 linear feet. Where footings are greater than 1 foot of depth from the grade to the bottom of the foundation application may be made by trenching and/or rodding. Treat outside of foundation walls, and if necessary along inside of foundation walls, along cracks in basement floors, along interior load bearing walls, around sewer pipes, conduits, and piers.

4. In crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to bottom of foundation. Application may be made by rodding and/or trenching. Treat both sides of foundation and around all piers and pipes.

a. Rod holes should be spaced (about 1 foot) to provide a continuous chemical barrier.

b. Trench need not be wider than 6 inches nor **below** the foundation. The emulsion should be mixed with the soil as it is replaced in the trench. Cover the treated soil with a layer of untreated soil.

c. Do not apply this product in any manner to an area intended as a plenum air space.

d. **Do not apply this product as an overall treatment to soil in crawl spaces.**

All holes drilled in construction elements for treatment should be securely plugged.

NOTE DOW Termiticide Concentrate will give residual control of subterranean termites for a minimum of five years when used in accordance with directions given on this label.

STORAGE AND DISPOSAL

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

Pesticide Disposal Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by federal, state or local authorities.

Container Disposal Triple rinse (or equivalent) and dispose of in an approved landfill or bury in a safe place.

General: Consult federal, state or local disposal authorities for approved alternate procedures.

NOTICE Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

U.S. Patent No. 3,244,586

660

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