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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (WH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO. 876-462	DATE OF ISSUANCE NOV 1 1987
	TERM OF ISSUANCE AUGUST 11, 1987	
	NAME OF PESTICIDE PRODUCT	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

160/207110
18/2

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

GOLD CREST

RESTRICTED USE PESTICIDE

G-1000

This is a restricted use product because proper use of this product requires trained applicators and proper equipment. If label instructions are not carefully followed, misuse of the product may result in hazards to human health and in residues in treated structures.

INSECTICIDE EMULSIFIABLE

CONCENTRATE

NOV 17 1987
876-462

ACTIVE INGREDIENTS:

*Technical Chlordane	72.0%
Petroleum Distillate	21.0%
INERT INGREDIENTS	7.0%
TOTAL	100.0%

Equivalent to 43.2% Octachloro-4,7-methanotetrahydronane and 28.8% related compounds. Contains 8.8 lbs. actual Chlordane per gallon.

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification. For post-construction rodding treatments, the certified applicator must be on site, or each uncertified applicator must have completed a state-approved training course in termiticide application meeting minimal EPA requirements and must have been registered in the state after the state has determined the individual's competence.

KEEP OUT OF REACH OF CHILDREN WARNING

STATEMENT OF PRACTICAL TREATMENT

If swallowed—Call a physician or Poison Control Center immediately. Gastric lavage is indicated if the material was taken orally. DO NOT INDUCE VOMITING unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Do not induce vomiting or give anything by mouth to an unconscious person. If on skin—Remove contaminated clothing and wash affected areas with soap and water. If in eyes—Flush with plenty of water for 15 minutes. Contact a physician immediately if inhaled—Remove victim to fresh air and apply artificial respiration, if indicated.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

E.P.A. Reg. No. 876-AA 462

E.P.A. Est. No. 876-TN-1

NET CONTENTS: 5 GALLONS



Aviso: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido completamente explicada. También puede obtener esta etiqueta en español a través del distribuidor o escribiendo al fabricante a la dirección indicada a continuación.

BEST AVAILABLE COPY



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed. Excessive contact of concentrate with skin can cause irritation or toxic effects. May be irritating, if in eyes. Do not breathe vapor. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield or safety glasses. In case of skin contact, wash thoroughly with soap and water. If in eyes, flush with water for 15 minutes and get medical attention. See front panel for complete Statement of Practical Treatment. Avoid contamination of feed and foodstuffs. Keep out of the reach of children.

The committee of the National Academy of Sciences has stated that:

"There are no adequate data to show that these compounds are carcinogenic in humans [emphasis added], but because of their carcinogenicity in certain mouse strains and the extensive similarity of the carcinogenic action of chemicals in animals and in humans, the committee concluded that chlordane, heptachlor, and/or their metabolites may be carcinogenic in humans."

Environmental Hazards

This product is toxic to fish, birds and other wildlife. keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

DO NOT USE, POUR, SPILL OR STORE THIS CONCENTRATE NEAR HEAT OR OPEN FLAME.

GENERAL INFORMATION ON THE USE OF THIS PRODUCT

Chemicals for soil treatment are used to establish a barrier against termites. The chemical emulsion must be adequately dispersed in the soil to provide a barrier between the wood in the structure and the termite colonies in the soil.

It is necessary for the effective use of this product that the service technician be familiar with current control practices including trenching and low pressure rodding. These techniques must be correctly employed to prevent or control infestations by subterranean termites such as Reticulitermes, Zootermopsis, Heterotermes and Coptotermes.

All instruction on this label must be followed to avoid termiticide residues inside the structure.

biology and behavior of the termite species involved are important factors to be known as well as suspected location of the colony and severity of the infestation within the structure to be protected.

All non-essential wood and cellulose containing materials, including scrap wood and form boards, should be removed from around foundation walls, crawl spaces, and porches. Effective termite control also includes elimination of termite access to moisture by recommending repair of faulty construction, grade and/or plumbing.

For advice concerning current control practices with relation to the specific local conditions, consult resources in structural pest control and the state regulatory agency.

SUBTERRANEAN TERMITE CONTROL

DIRECTIONS FOR USE

ONLY FOR SALE TO AND USE AND STORAGE

BY COMMERCIAL PEST CONTROL OPERATORS

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This product may not be used against any pests not named on the label. Apply only to establish subsurface termite control barriers specified on product labeling.

Contamination of public and private water supplies must be avoided by following these precautions: Use anti-backflow equipment or procedures to prevent siphonage of pesticide back into water supplies. Do not treat soil beneath 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 area from wells, and refer to Federal Housing Administration Specifications on new construction for further guidance.

PRECONSTRUCTION SUBTERRANEAN TERMITE TREATMENT

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

Use a 1% water emulsion for subterranean termites other than Coptotermes spp. Mix 1 gallon of GOLD CREST C-100 in 95 gallons of water to produce a 1% water emulsion. Use a 1-2% water emulsion for Coptotermes spp. where necessary. Mix 1-2 gallons of GOLD CREST C-100 in 95 gallons of water to produce a 1-2% water emulsion.



Do not apply to soil beneath structures which will contain subslab or intra-slab air ducts. Do not apply to any area intended as a plenum air space. Check with the builder or contractor to determine if the design of the structure includes these ducts or a plenum.

Do not apply to any area inside the foundation wall which will not be covered by a concrete slab (e.g., bath traps, inside surfaces of concrete or block walls above the level of the slab). Cover these areas during application with polyethylene or similar material. Do not treat into or through hollow masonry voids.

SLAB CONSTRUCTION

Horizontal Barriers

Before footings are poured, horizontal barriers may be established in footing trenches. Treatment of the footings through hollow masonry voids is prohibited. Then, after interior grading is completed and prior to the pouring of concrete slabs, horizontal barriers may be established on soil which will be covered by concrete floor, entrance platforms, and in other critical areas which will be covered

by concrete slabs.

In the case of a single-pour, monolithic slab which does not have a separate foundation or footing, an overall horizontal barrier should be created before the concrete is poured.

To produce a horizontal barrier, apply the emulsion at the rate of 1 gallon per 10 square feet to fill dirt. 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.
- Applications shall be made with pressures less than 50 p.s.i. at the nozzle using a coarse spray nozzle when establishing horizontal barriers.
- 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 to prevent erosion. This is not necessary if foundation walls have been installed around the treated soil.

Vertical Barriers:

After the foundation walls have been poured or built but before slabs are poured, vertical barriers may be established in soil which will be under the perimeters of floating or supported slabs, around utilities which will penetrate the slab, and in other critical areas which will be covered by concrete. After the final exterior grading is completed, vertical barriers may be created in back-filled soil against foundation walls or against the outside of monolithic slab. To produce a vertical barrier, apply the emulsion at the rate of 4 gallons per 10 linear feet per foot of depth from grade to the top of the footing. For monolithic slabs, apply to the bottom of the concrete.

- Low pressure rodding and/or trenching applications should not be made below the top of the footing except when the footing is exposed at or above grade. Special care should be taken to avoid soil washout around the footing.

- When rodding, use only low pressure (less than 25 p.s.i. at the nozzle). A pressure control device

must be installed at the rod to prevent higher pressures. It is important that emulsion reaches the footing. Rod holes should be spaced to provide a continuous barrier.

- Trenches need not be wider than 6 inches.
- Emulsion should be mixed with the soil as it is being replaced in the trench. Cover treated soil with approximately 2 inches of untreated soil.

CRAWL SPACE FOUNDATIONS

For crawl space foundations, vertical barriers may be established in the soil on the outside perimeter of the foundation using a rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to the top of the footing. Application may be made by low pressure rodding and/or trenching to the footing. If the footing is exposed at or above grade, application should be made with special care to avoid wash-out around the footing.

- Do not treat the footing through hollow masonry voids.

- Rod holes should be spaced to provide a continuous chemical barrier.

- When rodding the outside perimeter, use low pressure (less than 25 p.s.i. at the nozzle). A pressure control device must be installed at the rod to prevent higher pressures.

- Trenches need not be wider than 6 inches nor below the footing. The emulsion should be mixed with the soil as it is being replaced in the trench. Cover the treated soil with approximately 2 inches of untreated soil.

- A complete termite barrier may require treatment with another EPA-registered product to the inside perimeter of the foundations and to other interior critical areas.

BASEMENT FOUNDATIONS

Horizontal Barriers:

After exterior grading is completed and prior to the pouring

of concrete slabs, horizontal barriers may be established on soil which will be covered by concrete entrance platforms, and in other exterior critical areas which will be covered by concrete slabs. To produce a horizontal barrier, apply the emulsion at the rate of 1 gallon per 10 square feet to fill dirt. 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.
- Applications shall be made with pressures less than 50 p.s.i. at the nozzle) using a coarse spray nozzle when establishing horizontal barriers.
- 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 to prevent erosion.
- Do not apply to any area inside the foundation wall.

Vertical Barriers:

After the final exterior grading is completed, vertical

barriers may be created in back-filled soil against foundation walls. To produce a vertical barrier, apply the emulsion by low pressure rodding or trenching at the rate of 4 gallons per 10 linear feet per foot of depth from grade to the top of the footing.

- Low pressure rodding and/or trenching applications should not be made below the top of the footing except when the footing is exposed at or above grade. Special care should be taken to avoid soil washout around the footing.

- When rodding, use low pressure (less than 25 p.s.i. at the nozzle). A pressure control device must be installed to prevent higher pressures. It is important that emulsion reaches the footing. Rod holes should be spaced to provide a continuous barrier.

- Trenches need not be wider than 6 inches.

- Emulsion should be mixed with the soil as it is being replaced in the trench. Cover treated soil

with approximately 2 inches of untreated soil.

POSTCONSTRUCTION TREATMENTS

Use a 1% water emulsion for subterranean termites other than Coptotermes spp. Mix 1 gallon of GOLD CREST C-100 in 95 gallons of water to produce a 1% water emulsion. Use a 1-2% water emulsion for Coptotermes spp. where necessary. Mix 1-2 gallons of GOLD CREST C-100 in 95 gallons of water to produce a 1-2% water emulsion.

Do not apply this product into hollow masonry voids.

Do not apply this product to soil beneath the interior of the structure. Do not apply to the soil beneath a plenum air space.

Do not apply emulsion until location of pipes, water and sewer lines and electrical conduits are known and identified.

SLAB CONSTRUCTION

Vertical barriers may be established along the outside of the foundation by low pressure rodding and/or trenching at the

rate of 4 gallons of emulsion per 10 linear feet. Low pressure rodding should not extend beyond the tops of the footings.

- When rodding, use only low pressure (less than 25 p.s.i. at the nozzle). A pressure control device must be installed to prevent higher pressures.
- Drill holes in outside slabs (patios, sidewalks, etc.) about 12 to 36 inches apart to provide a continuous chemical barrier.
- For shallow foundations, 1 foot or less, dig a narrow trench approximately six inches wide along the outside of the foundation walls. Do not trench below the bottom of the foundation. 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 approximately 2 inches of untreated soil.
- For foundations deeper than 1 foot apply 4 gallons per 10 linear feet per foot of depth.

BASEMENT AND CRAWL SPACE FOUNDATIONS

For basement foundations, outside perimeter barriers may be applied only by trenching or the excavation technique below at a rate of 4 gallons of emulsion per 10 linear feet per foot of depth to be treated. Where exterior slabs are adjacent to the foundation wall, drill through the slab along the outside of the wall at a spacing that provides application of a continuous barrier and apply the emulsion just under the slab. After drilling, emulsion may be applied. Apply only at the lowest pressure that will start the flow of emulsion from an unobstructed rod. Apply up to 4 gallons of emulsion per 10 linear feet.

A complete termite barrier may require application of another EPA-registered product under interior slabs, through hollow masonry voids to the footing, and to other interior critical areas.

EXCAVATION TECHNIQUE

If treatment is to be made in difficult situations such as near wells or cisterns, along faulty foundation walls, and around pipes and utility lines which lead downward from the

structure, application must be made in the following manner to avoid intrusion of termiticide into water supplies or the interior of the structure.

- Trench and remove the soil to be treated onto heavy plastic sheeting or similar liner.
- Treat the soil at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth of the trench. Mix the emulsion thoroughly into the soil taking care to prevent liquid from running off the liner.
- After the treated soil has dried adequately, replace the soil in the trench and cover with approximately 2 inches of untreated soil.

RETREATMENT RESTRICTIONS

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. Retreatment should be made as a spot

application to these areas.

Retreatments may be made to critical areas only in accordance with the application techniques described above. This application should be made as a spot treatment to these areas. Do not annually retreat entire premises.

STORAGE AND DISPOSAL

PROHIBITIONS

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

STORAGE

Store in original container in a well ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, saw dust or equivalent material and disposed of as excess pesticide. Wash area of spill with detergent and water.

PESTICIDE DISPOSAL

Pesticide wastes are toxic. Triple rinse pesticide from

container and use rinsate in pesticide application. Improper disposal of excess pesticide, mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

After triple rinsing (or equivalent); offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Do not re-use container for any purpose.

LIMITED WARRANTY AND LIABILITY

NOTICE: Read this Limited Warranty and Liability before buying or using this product. If the terms are not acceptable, return it at once unopened.

It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved. Except to the extent prohibited by State law, there is no warranty, and this Company and other Sellers disclaim all liability for losses, personal injury or damages: (i) arising from any use of this product in a manner or for a purpose not recommended in its label directions, or from mixing this product before use with any substance except as recommended by the products label, (ii) arising from handling or storage in violation of label instructions, (iii) for all indirect, special or consequential damages, (iv) when not reported to this Company within one year of discovery, and (v) arising from product not used within the label-designated shelf life or four years from date of purchase, whichever first occurs. THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.

METRIC CONVERSION

Label Instructions	Metric Equivalent	
	Gold Crest C-100	Water
1% emulsion	1 liter	95 liters
1-2% emulsion	1-2 liters	95 liters
	Emulsion Amount Treated	
1 gal./10 sq. ft.	4 liters	1 sq. meter
1.5 gal./10 sq. ft.	6 liters	1 sq. meter
2 gal./10 linear ft.	2.5 liters	1 linear meter
4 gal./10 linear ft.	5 liters	1 linear meter
4 gal./10 linear ft./ ft. of depth	5 liters	1 linear meter/ 30 cm. depth