

4. In crawl spaces apply at the rate of 4 gallons of emulsion (or solution) per 10 linear feet per foot of depth from grade to bottom of foundation. Application may be made by rodding and/or trenching (utilizing low pressure spray). 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 or other suitable barrier such as polyethylene sheeting.
 - c. For inaccessible crawl spaces, treat soil by an alternate method such as drilling and rodding through foundation walls from the outside.

All treatment holes drilled in construction elements of living areas of homes should be securely plugged.

RETREATMENT RESTRICTIONS

1. Retreatment for subterranean termites should only be made when there is evidence of re-infestation subsequent to the initial treatment, or there has been a disruption of the chemical barrier in the soil due to construction, excavations, landscaping, etc.
2. Retreatments may be made to critical areas in accordance with the application techniques described above. This application should be made as a spot treatment to these areas.

Routine retreatment of the entire premises should be avoided.

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WARRANTY STATEMENT

This product shall conform with quantities and formulas indicated hereon, within accepted tolerances as permitted by appropriate governmental authorities, and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. No warranty extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable by Falls Chemicals Inc. In no case shall Falls Chemicals Inc. be liable for consequential, special or indirect damages resulting from use or handling of this product. All such risks shall be assumed by buyer. FALLS CHEMICALS INC. MAKES NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESSED OR IMPLIED WARRANTIES EXCEPT AS STATED ABOVE.

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OCT 14 1982

Falls Chemicals Inc.
P.O. Box 2345
Great Falls, MT 59403

Attention: F. B. Eberwine

Gentlemen:

Subject: Termiticide L.I.P.
Falls 748 Chlordane
EPA Registration No. 40831-5
Your Application of July 9, 1982

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

At the next label printing, incorporate the following revisions:

1. On the front/center panel, delete "Only for Industrial/Agricultural Use."
2. In the Precautionary Statements, the subheadings should read Hazards To Humans And Domestic Animals; Environmental Hazards; Physical Or Chemical Hazards.
3. In the Precautionary Statements, under the subheading Environmental Hazards, delete the following sentences which may appear:
 - o Birds feeding on treated areas may be killed.
 - o Birds and other wildlife in treated areas may be killed.
 - o Do not apply where runoff is likely to occur.
 - o Do not apply when weather favors drift from treated areas.
4. Revise the Statement of Practical Treatment to read:

STATEMENT OF PRACTICAL TREATMENT

If swallowed - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. DO NOT induce vomiting or give anything by mouth to an unconscious person.

BEST DOCUMENT AVAILABLE

- If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.
- If on skin - Remove contaminated clothing and wash affected areas with soap and water.
- If in eyes - Flush eyes with plenty of water. Call a physician immediately.

Since this product is subject to the child-resistant (special) packaging regulations, submit a signed certification statement that the packaging complies with these requirements.

Refer to 40 CFR 162.16, "Pesticides Requiring Special Packaging," and the Federal Register, Vol. 46, No. 41, Tuesday, March 3, 1981, pp. 15104-15109, "Clarification of Policy Issues on Special Packaging," for guidance and proper submission requirements.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

TS-767; LaRocca; DCR-39991; WANG-0589C;rk; Raven; 479-2013; 10/7/82

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 14 1982

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

708 31-0



74% CHLORDANE

ONLY FOR USE AND STORAGE BY
COMMERCIAL PEST CONTROL OPERATORS

| | |
|---------------------------------|---------|
| Chlordane Technical* | 74.50% |
| Insecticidally Active Petroleum | 18.00% |
| Hydrocarbons | 7.50% |
| INERT INGREDIENTS | |
| Total | 100.00% |

*Equivalent to 44.4% octachloro-4,7-methano-1,2,3,4,5,6,8-heptachloro-4,7-hydroindane and 29.6% of related compounds.

CONTAINS 1 POUND
TECHNICAL CHLORDANE PER PINT

KEEP OUT OF REACH OF CHILDREN

WARNING:

See Side Panels for Additional Warnings

EPA Reg. No. 40031-5

EPA Est. No. 40831-MT-01

NET CONTENTS: GALLONS
1 5 30 55

FALLS CHEMICALS INC., GREAT FALLS, MONTANA 59403

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS: "WARNING"
Harmful if swallowed or absorbed through the skin.
Causes skin irritation. Do not breathe vapor, fumes
or spray mist. Do not get into eyes, on skin or on
clothing. Wear protective clothing and rubber gloves
when handling freshly treated lumber. Wash thoroughly.
Keep away from children or pets and livestock.

ENVIRONMENTAL HAZARD: This product is toxic to fish
and wildlife. Do not apply directly to water. Do
not apply when weather conditions favor drift of
spray from areas treated. Apply this product only
as specified on this label.

PHYSICAL OR CHEMICAL HAZARD: Do not use or store
near fire or flame. Keep container closed when not
in use.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center
immediately. If possible, vomiting should be induced
under medical supervision. Drink one or two glasses
of water and induce vomiting by touching the back of
throat with finger. Do not induce vomiting or give
anything by mouth to an unconscious person.

If Inhaled: Remove victim to fresh air. Apply
artificial respiration if indicated.

If On Skin: Remove contaminated clothing and wash
affected areas with soap and water.

If In Eyes: Flush eyes with plenty of water. Call a
physician immediately.

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STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

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DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

TERMITES: The objective is to establish a treated soil barrier which will prevent termite entry. Other critical areas may also require treatment. It is suggested that you consult the State Extension Service for advice. Add 1/2 quart to 12 gallons of water. Apply 2 gallons per 5 linear feet in trenches around the foundation of buildings to the depth of the foundation and not below the top of the footing, or 4 gallons per linear foot when trenches are deeper than 18 inches. Apply 1 gallon per 10 square feet as an overall treatment under the slab and under attached porches. Treat thoroughly any wood coming in contact with soil. Replace damaged wood and treat new wood by painting surfaces with same solution.

FOUNDATIONS - SUBTERRANEAN TERMITE CONTROL - DIRECTIONS FOR USE

ONLY FOR USE AND STORAGE BY
COMMERCIAL PEST CONTROL OPERATIONS

Chemicals for soil treatment are used to establish a barrier which is repellant to 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, rodding, subslab injection, and low pressure spray applications. These techniques must be correctly employed to prevent or control infestations by subterranean termite species of Reticulitermes, Zootermopsis, Heterotermes, and Coptotermes. Choice of appropriate procedures includes consideration of such variable factors as the design of the structure, water table, soil type, soil compaction, grade conditions, and the location and type of domestic water supplies. The biology and behavior of the involved termite species 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. For advice concerning current control practices for specific local conditions, consult resources in structural pest control.

Contamination of public and private water supplies must be avoided by following these precautions: Use antiback-flow equipment or procedures to prevent siphonage of pesticide back into water supplies. 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 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 foundations walls, crawl spaces, and porches. This does not include existing structural soil contact wood that either has been or needs to be treated.

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 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% or 2% water emulsion for subterranean termites. Mix $\frac{1}{2}$ quart of Fails 74% Chlorfane in 12 gallons of water to produce 1% or 2% water emulsion (or solution).

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 by a low pressure spray for horizontal barriers over areas intended for covering floors, porches and other critical areas.

Establish a vertical barrier in areas such as around the base of foundations, plumbing, back-filled soil against foundation walls and other critical areas.

1. Where it is necessary to produce a horizontal barrier, apply the emulsion (or solution) 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 (or solution) 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 (or solution) should be mixed with the soil as it is being replaced in the trench. Cover treated soil with a layer of untreated soil, or other suitable barrier such as polyethylene sheeting.
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 (or solution) per 10 linear feet so it will reach the footing.
4. For crawl spaces apply at the rate of 4 gallons of emulsion (or solution) per 10 linear feet and foot of depth from grade to bottom of foundations. Application may be made by rodding and/or trenching (utilizing low pressure spray). 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 (or solution) should be mixed with the soil as it is being replaced in the trench. Cover the treated soil with a layer of untreated soil or other suitable barrier such as polyethylene sheeting.

POSTCONSTRUCTION TREATMENTS

Use a 1% or 2% water emulsion for subterranean termites. Mix $\frac{1}{2}$ quart of Falls 74% Chlordane in 12 gallons of water to produce 1% or 2% water emulsion (or solution).

Postconstruction applications shall be made by injection, rodding, and/or trenching (using low pressure spray).

Do not apply emulsion (or solution) until location of heat or air conditioning ducts, vents, water and sewer lines and electrical conduits are known and identified. Extreme caution must be taken to avoid contamination of these structural elements and airways.

1. For slab-on-ground construction apply at the rate of 4 gallons of emulsion (or solution) per 10 linear feet. Applications may be made by sub-slab injection and/or trenching. Injectors should not extend beyond the tops of the footings. Treat along the outside of the foundation and where necessary just beneath the slab on the inside of foundation walls. Treatment may also be required just beneath the slab 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 (or solution) just beneath the slab either along the inside of the foundation or along all the cracks and expansion joints and other critical areas.
 - c. For shallow foundations, 1 foot or less, dig a narrow trench approximately six inches wide along the outside of the foundation walls. Do not dig below the bottom of the foundation. The emulsion (or solution) 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 a layer 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 (or solution) per 10 linear feet.
3. For basements apply at the rate of 4 gallons of emulsion (or solution) 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 at the rate of 4 gallons of emulsion (or solution) per 10 linear feet per foot of depth. Treat outside of foundation walls, and if necessary beneath the basement floor along inside of foundation walls, along cracks in basement floors, along interior load bearing walls, round sewer pipes, conduits, and piers.