

POSTCONSTRUCTION TREATMENTS

Use a 1% water emulsion for subterranean termites. Mix 2½ oz. of Falls 45% Chlordane in 1 gal. of water or (1 quart to 12 gallons of water to produce a 1% 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 about 12 to 36 inches apart 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.

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 in commonly occupied areas of structures must 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. Reapplication should be made as a spot treatment to these areas.

Annual retreatment of the entire premises must be avoided.

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.



300/90049
17/2

Falls Chemicals, Inc.
P.O. Box 2345
Great Falls, Md 50403

Attention: Louie Maillet

Gentlemen:

Subject: Termiticide L.I.P. -- Revision
Falls 45% Chlordane Spray
EPA Registration No. 40331-24
Your Application Dated October 28, 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.

As agreed in our recent telephone conversation, this product is for commercial use only. Therefore, prior to marketing:

1. On the front/center panel, there should be a reference to use only by professional applicators since the use instructions refer to commercial use: "Only For Sale To, Use and Storage By Commercial Pest Control Applicators." This should be the same type size as the Child Hazard Warning.
2. Delete "page 5" of your draft labeling since these instructions refer to homeowners (noncommercial) use.
3. On "page 6" of your draft labeling, delete the word, "FOUNDATIONS" in the heading. Also, under the heading, add the misuse statement: It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Sincerely yours,

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

Enclosure

TS-767:G.LARocca:DCR-39827:WANG-1308C:gmm:Raven:479-2013:11/24/82
Registration must be submitted. Products for commercial use and homeowner use cannot be registered under the same registration number.



**45% CHLORDANE
SPRAY**
EMULSIFIABLE SPRAY FOR TERMITES

40831-24

ACTIVE INGREDIENTS:	By Weight
Technical Chlordane*	45%
Aliphatic Petroleum Hydrocarbons	45%
INERT INGREDIENTS:	10%
	Total . . . 100%

*Equivalent to 27% Octachloro-4, 7-methanotetrahydroindane and 18% related compounds.

CONTAINS 1 POUND
TECHNICAL CHLORDANE PER QUART

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panels for Additional Warnings

EPA Reg. No. 40831-24 EPA Est. No. 40831-MT-01

NET CONTENTS: GALLONS
 1 5 30 55

FALLS CHEMICALS INC., GREAT FALLS, MONTANA 59403

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

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 HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to water. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

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. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING: Vomiting may cause aspiration pneumonia.

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. Get medical attention immediately.

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.

DIRECTIONS FOR USE

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

NOTE: Do not use utensils used for food to measure this product.

Do not use this product in conduits, motor housings, and electrical switch boxes.

TERMITES (Subterranean) — Directions for Non-professional Use: The object 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 before treatment.

Dilution for a 1% water solution: 2½ oz. per gallon of water, or, 1 quart to 12 gallons of water.

Buildings having basements or crawl spaces: Dig a trench along the outside of the foundation walls. In brick or hollow block or concrete foundations, dig a trench to, but not below, the footings. Then, as the trench is refilled, treat the soil in the fill at the rate of 2 gals. per 5 linear ft. for each foot of depth, or, 4 gals. per 5 linear ft. when the trenches are deeper than 18 inches. A 3-ft. deep trench would require 12 gals. of solution per 10 linear ft. of foundation.

Apply 1 gal. per 10 sq. ft. as an overall treatment under attached porches. Thoroughly treat any wood coming in contact with soil. Replace damaged wood and treat new wood by painting surfaces with the same solution.

FOUNDATIONS - SUBTERRANEAN TERMITE CONTROL.

DIRECTIONS FOR USE

ONLY FOR USE AND STORAGE BY COMMERCIAL

PFST CONTROL OPERATORS

Chemicals for soil treatment are used to establish a barrier which is repellent 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, existence of air circulation in sub-floor crawl space, 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 within the foundations. Soil around structures with well or cistern close to the foundation can be treated as follows: Do Not Apply Under Pressure. Soil should be removed to an area safe from well or domestic water contamination, treated, allowed to stand undisturbed for two to four hours then returned to the trench which has been lined with 4 mil. plastic sheeting. Be careful not to puncture plastic sheeting when returning soil to the trench. 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% water emulsion for subterranean termites. Mix $2\frac{1}{2}$ oz. of Falls 45% Chlordane in 1 gal. of water or (1 quart to 12 gallons of water to produce a 1% 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.