

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**SUBTERRANEAN TERMITE CONTROL
DIRECTIONS FOR USE**

Only for use and storage by Commercial Pest 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.

If it is necessary for the effective use of this product that the service technician be familiar with current control practices including trenching, rod-ding, 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 anti-back-flow equipment or procedures to prevent siphonage of pesticide back into water supplies. Do not treat structures that contain cisterns or wells within the foundation. 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, trenched, 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 and form boards, should be removed from around foundation walls, crawl spaces, and porches. This does not include existing structural soil contact wood that either has been or is 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 (HUD) Minimum Property Standards.

Use a 1% water emulsion for subterranean termites. Mix 1 gallon of Chlor-Tox-45 in 100 gallons of water to produce a 1% water emulsion (or apply 1 qt).

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.

2. 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.

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.

551-120

NET CONTENTS

CHLOR-TOX-45
45% CHLORDANE EMULSION CONCENTRATE

ACTIVE INGREDIENTS:

Technical chlordane*
Petroleum Hydrocarbons

INERT INGREDIENTS

Total

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

EMULSIFIES READILY WITH WATER

CAUTION

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

- If swallowed** -Call a physician or Poison Control Center immediately. Gastro 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.

Hazards to Humans and Domestic Animals

Caution: Chlordane is toxic and can be absorbed through the skin. Harmful if swallowed or inhaled spray mists. Avoid contamination of feed and foodstuffs. Keep children and pets off treated areas until soil is dry.

Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Manufactured by
Baird & McGuire, Inc.
Holbrook, Mass. 02343



EPA Reg. No. 551-120 EPA Est. 551-MA-1

BEST DOCUMENT AVAILABLE

CONTENTS

CHLOR-TOX-45

45% CHLORDANE EMULSION CONCENTRATE

ACTIVE INGREDIENTS	
Technical chlordane*	45%
Petroleum Hydrocarbons	50%
INERT INGREDIENTS	
Total	100%

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

EMULSIFIES READILY WITH WATER

CAUTION

KEEP OUT OF REACH OF CHILDREN

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.

Hazards to Humans and Domestic Animals

Caution: Chlordane is toxic and can be absorbed through the skin. Harmful if swallowed. Avoid inhaling spray mists. Avoid contamination of feed and foodstuffs. Keep children and pets off treated areas until soil is dry.

Environmental Hazards

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Manufactured by
Baird & McGuire, Inc.
Holtbrook, Mass. 02343



EPA Reg. No. 551-170 EPA Est. 551-MA 1

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

STORAGE & DISPOSAL STATEMENTS

DISPOSAL

DO NOT REUSE EMPTY CONTAINER (BOTTLE, CAN, BUCKET). WASH CONTAINER AND PUT IN TRASH COLLECTION.

COMMERCIAL PEST CONTROL OPERATOR USE PRODUCTS

PESTICIDE DISPOSAL STATEMENTS

HAZARDOUS WASTE

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 STATEMENTS

Metal Containers: 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.

7. 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 1 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.

a. 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% emulsion (or solution) for subterranean termite. Mix 1 gallon of Chlor-Tox 45 in 100 gallons of water to produce a 1% water emulsion (or solution).

Post construction 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 arrays.

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 around sewer pipes, conduits, and pipes.

a. 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.

RE-TREATMENT 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, land scraping, etc. Retreatment should be made as a spot treatment to these areas. Annual retreatment of the entire premises must be avoided.

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TDP

OCT 14 1982

Baird & McGuire, Inc.
775 South Street
P. O. Box 369
Hollbrook, MA 02343

Attention: Rita Mahoney

Gentlemen:

Subject: FTL-Termiticide LIP
Chlor-Tox 45
EPA Registration No. 551-128
Your Application Dated September 15, 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. Add "Only for Sale To, and Use and Storage by Commercial Pest Control Operators" to the front panel.
2. Delete the following from the Environmental hazards: "Birds and other wildlife in treated areas may be killed. Do not apply when weather conditions favor drift from areas treated."
3. Delete the following from the precautions: "Keep Children and pets off treated areas until soil is dry," since this implies a soil surface treatment.

Sincerely yours,

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

Enclosure

IRB:LaRocca:DCR-30087:WANG-0556Ctwec;Raven:479-2013:10/6/82

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