

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. Do not breathe vapor, dust or spray mist. Do not get in eyes, on skin or clothing. In case of skin contact, wash immediately with soap and water. Avoid contamination of feed and foodstuffs. Do not use on household pets, animals or humans. Do not use on dairy cattle or in dairy barns.

In mixing operations, wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U. S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II, and wear clean rubber gloves.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams and ponds. Do not apply where runoff is likely to occur. Do not apply when weather favors drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

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

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.

SUBTERRANEAN TERMITE CONTROL

DIRECTIONS FOR USE

ONLY FOR RETAIL 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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 23 1982

1945-103

BEST DOCUMENT AVAILABLE

TRIANGLE CHEMICAL HEPTACHLOR For Termites

FOR PROFESSIONALS

ACTIVE INGREDIENTS:

Heptachlor*
Related Compounds
Mylar

INERT INGREDIENTS

Total

*Heptachlorocyclohexane 4, 7-Methylenedioxy

THIS PRODUCT CONTAINS 3 LBS OF TECHNICAL

KEEP OUT OF REACH

WARNING

STATEMENT OF PRACTICE

If swallowed: Drink one or two glasses of water
throat with finger. Do not induce vomiting or
persue. Get medical attention immediately.

If inhaled: Remove victim to fresh air and open

If on skin: Wash promptly with soap and water

If in eyes: Rinse eyes for at least 15 minutes

SEE SIDE P.
ADDITIONAL PRECAUTIONS

Mfg. By
TRIANGLE CHEMICAL
Macon, Georgia

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, Ecotermopsis, Retortitermes, 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

BEST DOCUMENT AVAILABLE

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 0.5% water emulsion for subterranean termites. Mix 1 gallon of Triangle Heptachlor-3 Emulsible Concentrate (3 lbs. per gal.) in 71 gallons of water to produce a 0.5% 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.

GLE CAL R-3 E. C. Control

FOR HOME USE ONLY

35.11%
13.85%
66.21%
5.83%
100.00%

HEPTACHLOR PER GALLON

KEEP OFF OF CHILDREN

KEEP OFF OF CHILDREN

HEALTH TREATMENT

or and induce vomiting by touching back of
give anything by mouth to an unconscious

if respiration is indicated

if illiter throughly

call doctor and call a physician immediately.

KEEP OFF OF CHILDREN
HEALTH TREATMENT

EPA REG. NO. 124-100
EPA EST. NO. 124-111

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

BEST DOCUMENT AVAILABLE

Use a 0.5% water emulsion for subterranean termites. Mix 1 gallon of Triangle Heptachlor-3 Emulsible Concentrate (3 lbs. per gal.) in 71 gallons of water to produce a 0.5% 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.

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.
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.
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.

NOTICE OF WARRANTY

BEST DOCUMENT AVAILABLE

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose 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, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

TOP
10/1/82

SEP 23 1982

Triangle Chemical Company
P. O. Box 4528
206 Lower Elm Street
Macon, GA 31208

Attention: Donald Henry

Gentlemen:

Subject: Termiticide L.I.P
Triangle Heptachlor 3 E.C.
for Termitic Control
EPA Registration No. 1842-183
Application Dated: April 7, 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 center panel, directly below the name of the product, there should be a reference to use by professional applicators which should read: "Only for sale to and use and storage by commercial pest control applicators." Therefore, delete "For Professional Use Only."
2. Revise the Statement of Practical Treatment to read:

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.



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. In the heading to the Specific Use directions, change the third line to read: "Only For Use And Storage."
5. In the Precautionary Text, delete "dust."

The National Pest Control Association (NPCA) has recommended the attached revisions be made to the commercial applicator use directions of all termiticide products for soil treatments. You should include these revisions in your final printed label where applicable.

Sincerely yours,

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

Enclosures

OPTS:GTLARocca:DCR-07591:WANG-0066C:ert:Raven:479-2013: 9/13/82