GOLD CREST®

C-100

INSECTICIDE
EMULSIFIABLE CONCENTRATE

ONLY FOR SALE TO AND USE AND STORAGE BY COMMERCIAL PEST CONTROL OPERATORS

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

*Equivalent to 43.2% Octachloro-4, 7-methanotetrahydroindane and 28.8% related compounds. Contains 8.0 lbs. actual Chlordane per gallon.

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 internally. 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. Repeat until vomit fluid is clear. 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

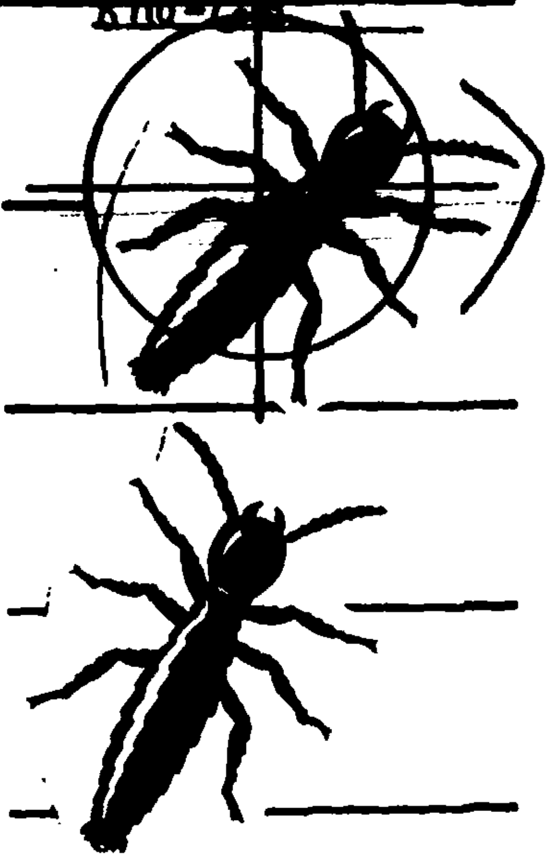
E.P.A. Reg. No. 876-83-AA

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

NET CONTENTS:
5 GALLONS

ACCEPTED
with COMMENTS
In EPA Letter Dated:
876-65
MAR 9 1984

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



VELSICOL

b. Trench need not be wider than 6 inches nor below the foundation. The emulsion should be mixed with the soil as it is being replaced in the trench. Cover the treated soil with a thin layer of untreated soil or other suitable barrier such as polyethylene sheeting.

POST-CONSTRUCTION TREATMENTS

Use a 1% water emulsion for subterranean termites other than Coptotermes spp. Mix 1 gallon of C-100 in 96 gallons of water to produce a 1% water emulsion.

Use a 2% water emulsion for Coptotermes spp. where necessary. Mix 2 gallons of C-100 in 95 gallons of water to produce a 2% water emulsion.

Post-construction applications shall be made by injection, rodding, and/or trenching (using low pressure spray). Do not make an overall (broadcast) application of this product in a crawl space. Rod holes or trenches should not extend below the top of the footing.

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

Do not apply emulsion 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.

Slab-On-Ground

For slab-on-ground construction [illegible] linear feet. Applications may be made by sub-slab injection, rodding or trenching. Rodding should not extend beyond the top 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 both sides of interior footing-supported walls, one side of interior partitions and along all cracks and expansion joints.

a. Drill holes in the slab about 12 to 36 inches apart to provide a continuous chemical barrier.

b. Where necessary, drill through the foundation walls from the outside and force the emulsion just beneath the slab either along the inside of the foundation or along all the cracks, 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 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 thin layer of untreated soil.

d. For foundations deeper than 1 foot follow rates for basements.

Hollow Masonry Units of The Foundation Walls

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 per 10 linear feet.

Basements

For basements and slab foundations which extend more than 1 foot below grade, apply at a rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to the top of the footing. Treat the outside of the foundation by trenching and/or rodding. Sub-slab injection may be necessary just beneath the basement floor or slab along the inside of foundation walls, along cracks, along partitions, around sewer pipes, conduits, and piers, and along both sides of interior footing-supported walls.

Crawl Spaces

In crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to top of footing. Application may be made by rodding and/or

trenching. Do not
space. Do not apply
or trenches should
foundation and

- a. Rod holes should
barrier. Rod holes
- b. Trench need not be
emulsion should
treated soil with a
polyethylene
- c. For inaccessible
and rodding through

After Treatment

Securely plug all holes
areas of structures,
and workshops

been a disruption of
conditions, landscaping
tion to these areas

Retreatments may be
tion techniques
treatment to these areas
should be avoided

Do not contaminate
PESTICIDE DISPOSAL
Pesticide, spray mixture
instructions must be
cedures under Subtitle
CONTAINER DISPOSAL
Metal
Triple rinse (or equival
pose of in a sanitary lan
Plastic
Triple rinse (or equival
pose of in a sanitary lan
authorities

NOTICE: Read the Limited Warranty

VELSICO
CHEMICAL CORPORAT
341 E. OHIO ST., CHICAGO, IL

BEST DOCUMENT AVAILABLE

NET CONTENTS:
30 GALLONS

NET CONTENTS:

876-63

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed. Do not breathe vapor or spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield or safety glasses. In case of contact, wash skin with soap and water or flush eyes with water for 15 minutes and get medical attention. See front panel for complete Statement of Practical Treatment. Avoid contamination of food and foodstuffs. Keep out of the reach of children.

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

"There are no adequate data to show that these compounds are carcinogenic in humans, 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. 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.

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, rodding, sub-slab 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 should include 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 location and type of domestic water supplies. The 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.

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

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.

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 areas from wells, and refer to Federal Housing Administration Specifications for further guidance.

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.

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 C-100 in 95 gallons of water to produce a 1% emulsion.

Use a 2% water emulsion for *Coptotermes* spp. where necessary. Mix 2 gallons of C-100 in 95 gallons of water to produce a 2% water emulsion.

Do not apply to any area intended as a plenum air space.

After grading is completed and prior to the pouring of the slab, slab supported constructed porches or entrance platforms, make the following treatments:

Horizontal Barriers

Where it is necessary 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 [illegible] reaches the soil substrate. Applications shall be made by a low pressure spray to horizontal barriers over areas intended for covering floors, porches and other critical areas.

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.

Vertical Barriers

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

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.

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. When rodding, it is important that emulsion reaches the footing. Rod holes should be spaced (about a foot) to provide a continuous barrier.

d. Emulsion should be mixed with the soil as it is being replaced in the trench. Cover treated soil with a thin layer of untreated soil, or other suitable barrier such as polyethylene sheeting.

Hollow Masonry Units of The Foundation Walls

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 per 10 linear feet so it will reach the footing.

Crawl Spaces

For crawl spaces apply at the 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 rodding and/or trenching. Do not make an overall broadcast application to areas intended to be crawl spaces; applications must be made by rodding and/or trenching. 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.

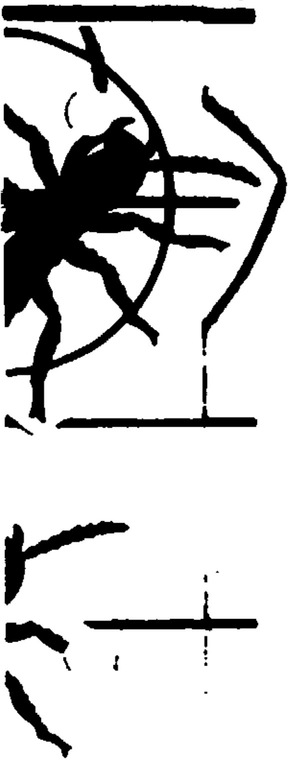
BEST DOCUMENT AVAILABLE

01171-310AN

01171-441AN Gold Crest C-100 - 30 gal

GOLD CREST C-100

876-63



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b. Trench need not be wider than 6 inches nor below the foundation. The emulsion should be mixed with the soil as it is being replaced in the trench. Cover the treated soil with a thin layer of untreated soil or other suitable barrier such as polyethylene sheeting

POST-CONSTRUCTION TREATMENTS

Use a 1% water emulsion for subterranean termites other than *Coptotermes* spp. Mix 1 gallon of C-100 in 96 gallons of water to produce a 1% water emulsion

Use a 2% water emulsion for *Coptotermes* spp. where necessary. Mix 2 gallons of C-100 in 96 gallons of water to produce a 2% water emulsion

Post-construction applications shall be made by injection, rodding, and/or trenching (using low pressure spray). Do not make an overall broadcast application of this product in a crawl space. Rod holes or trenches should not extend below the top of the footing

Do not apply this product to the soil beneath a plenum air space

Do not apply emulsion 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

Slab-On-Ground

For slab-on-ground construction apply at the rate of 4 gallons of emulsion per 10 linear feet. Applications may be made by sub-slab injection and/or trenching. Injections 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 both sides of interior footing-supported walls, one side of interior partitions and along all cracks and expansion joints

a. Drill holes in the slab about 12 to 36 inches apart to provide a continuous chemical barrier

b. Where necessary, drill through the foundation walls from the outside and force the emulsion just beneath the slab either along the inside of the foundation or along all the cracks, 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 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 thin layer of untreated soil

d. For foundations deeper than 1 foot follow rates for basements

Hollow Masonry Units of The Foundation Walls

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 per 10 linear feet.

Basements

For basements and slab foundations which extend more than 1 foot below grade apply at a rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to the top of the footing. Treat the outside of the foundation by trenching and/or rodding. Sub-slab injection may be necessary just beneath the basement floor slab along the inside of foundation walls, along cracks, along partitions, around sewer pipes, conduits and piers, and along both sides of interior footing-supported walls

Crawl Spaces

In crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to top of footing. Applications [illegible] trenching. Do not make an overall broadcast application of this product in a crawl space. Do not apply this product to the soil beneath a plenum air space. Rod holes or trenches should not extend below the top of the footing. Treat both exterior foundation and around all piers and pipes

a. Rod holes should be spaced (about 1 foot) to provide a continuous chemical barrier. Rod holes should not extend below the top of the footing

b. Trench need not be wider than 6 inches nor below the top of the footing. The emulsion should be mixed with the soil as it is replaced in the trench. Cover the treated soil with a thin 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

After Treatment

Securely plug all holes drilled in construction elements of commonly occupied areas of structures, including unfinished basements, enclosed porches, garages, and workshops

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, excavations, landscaping, etc. Retreatment should be made as a spot application to these areas

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 or annual retreatment of the entire premises should be avoided

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

Metal

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by other approved State and local procedures

Plastic

Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if permitted by State and local authorities

LIMITED WARRANTY AND LIABILITY

NOTICE: Read this Limited Warranty and Liability before buying or using this product. If the terms are not acceptable [illegible]

[illegible]

BEST DOCUMENT AVAILABLE

VELSICOL
CHEMICAL CORPORATION
341 E. Ohio St. Chicago, Ill. 60611

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

300/116865
17/14

9 MAR 1984

Mr. John Bergman
Velsicol Chemical Corporation
341 E. Ohio Street
Chicago, IL 60611

Dear Mr. Bergman:

Subject: Amendment - Graphics Change; Change Product Names
Gold Crest C-100 Emulsifiable Concentrate
EPA Registration No. 876-63
Gold Crest H-60 Emulsifiable Concentrate
EPA Registration No. 876-85
Gold Crest Termide Emulsifiable Concentrate Insecticide
EPA Registration No. 876-233
Your Application Dated February 6, 1984

The amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), are acceptable. Stamped copies of the label are enclosed for your records.

Note that when revising the storage and disposal sections for compliance with PR Notice 83-3 that the two products containing heptachlor should bear the following pesticide disposal text:

> Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray 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.

The registration records for each of the products listed below have been adjusted to show each appropriate new product name:

EPA Registration No.	New Product Name
876-63	Gold Crest C-100 Insecticide Emulsifiable Concentrate

876-63

EPA Registration No.	New Product Name
876-85	Gold Crest E-60 Insecticide Emulsifiable Concentrate
876-233	Gold Crest Termide Insecticide Emulsifiable Concentrate

Sincerely yours,

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

Enclosure