UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Soil Chemicals Corporation P.O. Box 782 Hollister, CA 95024

Attn: Tom Duafala, Ph.D.

Subject: Chloropicrin 100

EPA Registration No. 8536-2

Your Submission of July 30, 1996

The submitted labeling amendment, proposing to add a statement to the "Directions For Use" section of the subject product labeling concerning the facilitation of pre-plant soil fumigations has been reviewed. The following comments arise from this review.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comment listed below. A stamped copy is enclosed for your records. Please submit one copy of the finished, printed product labeling before releasing the product for shipment.

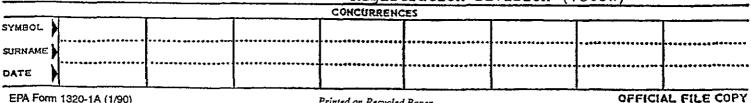
Revise the proposed additional statement, "To facilitate application of this product when applying low dosages, dilution with an acceptable solvent is allowed. If the solvent/ chloropicrin mixture is used for the production of food crops, then the solvent must be approved for such use." to read: "To facilitate application of this product when applying in low dosages, dilution with an acceptable solvent is allowed. if the solvent is to be used in pre-plant soil fumigations for the production of food crops, then the solvent must be approved for such use.".

If you should have any questions concerning this letter, you may call Robert Travaglini on (703) 305-6909.

Sincerely,

L. Tranglin for

Robert S. Brennis Acting Product Manager (32) Antimicrobial Program Branch Registration Division (7505W)



EPA Form 1320-1A (1/90)

Printed on Recycled Paper

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RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

CHLOROPICRIN 100 FUMIGANT

ACTIVE INGREDIENT: CHLOROPICRIN **INERT INGREDIENTS:** TOTAL

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This product weighs 13.7 pounds per gallon.

Uncer the Federal Insecticide, Fungicide, and Rodenticide Actes amended, for the pesticide registered under EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

PELIGRO: Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

IN ALL CASES OF OVEREXPOSURE GET MEDICAL ATTENTION IMMEDIATELY. TAKE PERSON TO A DOCTOR OR AN EMERGENCY TREATMENT FACILITY

STATEMENT OF PRACTICAL TREATMENT

IF INHALED: Get exposed person to fresh air. Keep warm. Make sure person can breathe freely. If breathing has stopped, give artificial respiration, preferably mouth-to-mouth. Do not give anything by mouth to any unconscious person.

IF ON SKIN: Immediately remove contaminated clothing, shoes, and other Items covering the skin. Wash contaminated skin area thoroughly with soap and water.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes.

NOTE TO PHYSICIAN: Chloropicrin is a volatile liquid that is the active ingredient in tear gas. As a gas it is a powerful lachrymator. Early symptoms of overexposure are lachrymation, respiratory distress, and vomiting. Pulmonary edema may develop later. Treatment is symptomatic.

See Side Panel For Additional Precautionary Statements.



Chemicals Corporation **PRODUCTS**

P.O. BOX 782 · HOLLISTER, CA 95024

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS: D A N G E R

THIS FUMIGANT IS A HIGHLY HAZARDOUS MATERIAL AND MUST BE HANDLED WITH CARE ONLY BY THOSE INDIVIDUALS EXPERIENCED WITH ITS PROPER USE, CONSULT YOUR DEALER REPRESENTATIVE OR THE DISTRIBUTOR FOR CORRECT PROCEDURE BEFORE USING, READ AND FOLLOW ALL LABEL DIRECTIONS AND PRODUCT LITERATURE SPECIFIC TO YOUR REQUIREMENTS.

POISONOUS LIQUID AND VAPOR, INHALATION MAY BE FATAL. POISONOUS LIQUID AND VAPOR, INHALATION MAY BE FATAL. CHLOROPICRIN IS READILY IDENTIFIABLE BY SMELL. EXPOSURE TO VERY LOW CONCENTRATIONS OF VAPOR WILL CAUSE IRRITATION ON EYES, NOSE, AND THROAT. CONTINUED EXPOSURES AFTER IRRITATION IS EVIDENT OR HIGHER CONCENTRATIONS, MAY CAUSE PAINFUL IRRITATION TO EYES OR TEMPORARY BLINDNESS. LIQUID WILL CAUSE CHEMICAL BURNS TO SKIN OR EYES. DO NOT GET ON SKIN, IN EYES, OR ON CLOTHING. HAPLUFILD OR FATAL IS SWALLOWED. ON CLOTHING. HARMFUL OR FATAL IF SWALLOWED.

CHLOROPICRIN FUMIGANT HAS THE CAPACITY TO CAUSE MARKED IRRITATION TO THE UPPER RESPIRATORY TRACT, AND IS A STRONG LACHRYMATOR (TEAR PRODUCING EYE IRRITANT), LOW CONCENTRATIONS, BELOW THOSE NECESSARY TO CAUSE SERIOUS SYSTEMIC INTOXICATION, ARE CAPABLE OF CAUSING SEVERELY PAINFUL EYE IRRITATION, HENCE WILL NOT BE VOLUNTARILY TOLERATED, HOWEVER, THE EFFECT MAY BE SO POWERFUL THAT A PERSON MAY BECOME TEMPORARILY BLINDED AND PANIC-STRICKEN AND THAT IN TURN MAY LEAD TO ACCIDENTS. TO ACCIDENTS.

AIR CONCENTRATION LEVEL

The acceptable air concentration level for persons exposed to chloropictin is 0.1 ppms-(0.7 mg/m³). If the air concentration level exceeds 0.1 ppms, an air-purifying respirator must be worn. If the air concentration level exceeds 4 ppm, an air supplying respirator must be worn. The air concentration level is measured by a direct reading detection device, such as a Malbeson-Kitagawa.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are fisled below. If you want more options, follow the instructions for category H on an EPA chemical resistance category selection chart.

alors and other handlors must wear

Loose-fitting or well vanished long-sleeved shirt and long pants

Shoes and socks

Full-face shield or safety glasses with brow and temple shields (Do NOT wear goggles.)

When the acceptable air concentration level is above 0.1 ppm and a respirator
is required, protect the eyes by wearing a full-face respirator.

No respirator is required, it he air concentration level of chloropicrin in the working area
is measured to be best than 0.1 ppm.

A respirator is required under the following circumstances:

—if the air concentration level exceeds 0.1 ppm at any time, applicators and other
handlers must wear (a) a respirator with an organic-vapor-removing cartridge with a
presiter approved for pesticides (MSHA/NOSH approval number prefix TC-23C),

OR (b) a respirator with a canister approved for pesticides (MSHA/NOSH approval
number prefix TC-14G).

—if the air concentration level exceeds 4 ppm at any time, applicators and other
handlers must wear (a) a supplied-air respirator (MSHA/NOSH approval number
prefix TC-19C) OR (b) a self-contained breathing apparatus (SCBA) (MSHA/NIOSH
approval number prefix TC-13F).

WORK SAFETY REQUIREMENTS

- Do not weer jewely, gloves, goggles, tight clothing, nubber protective clothing, or rubber boots when handling. Chloropicrin is heavier than air and can be trapped inside clothing and cause skin injury.
 Discard clothing and other absorbent materials that have been dronched or heavily contaminated with this product. Do not reuse them.
- contaminated with tise product. Lo not reuse them.

 3. Clean PPE after each day's use. Immediately after contamination remove outer clothing, shoes, and socks and do not reuse unlil thoroughly seraled or ventilated. Keep such clothing and shoes cuidoors until thoroughly seraled. Then follow the PPE manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE and work clothing separately from other laundry.

 4. Follow PPE manufacturer's instructions for cleaning/maintaining protective eyewear,
- 4. Follow PPE manufacture face shields and respirators.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the tolet, Remove ciothing immediately if pesticide gets inside. Then wash thoroughly and put Remove clothing, immediately a pessure yet account. As soon as possible, wash thoroughly and change into clean clothing.

 Supply your physician with information on Chloropicrin, which is available from your your Deator Representative or the Distributor.

PRECAUTIONS TO FOLLOW

PRIOR TO FUMIGATION: (1). Before using fumigant, read and follow all directions on the lebel and in the product literature. (2). Comply with all local regulations and ordinances. Obtain an application permit from Agricultural Regulatory agencies as required. (3), it is advisable to supply your physician with information on chloropictin, which is available from the company. (4) Obtain medical assistance at once in case of linese after apposure, and do not allow conditions which could accidentably cause further exposure until recovery is complete. (5). Never fumigate sione. It is impersive to always have an assistant and proper protection equipment, as lated below, to aid in case of accidents. (5). Drivers of application equipment must advise other workers of at praceutions and procedures. In addition, drivers must instruct their helpers in the mechanical operation of the tractor and how to work with the structor and driver white fundigating. (7). Handle this fundigant in the open, when presible, with the opening researce system, when used, for leaks before beginning application. (9). A gas mass must be carried in each service vehicle. (10). Do not spill. It figuid fundigant splashes or spills on abose or clothing, remove them at once as furnes from the contaminated areas will be an intrincable source of iritation. If the Sould contacts skin where rings or PRIOR TO FUMIGATION: (1). Before using fumigant, read and follow all

Precautions, Continued:

DURING FIELD FUMIGATION: (1). This fumigant should not be applied when DURING FIELD FUMIGATION: (1), this funigant should not be applied when there is an almospheric investion, since uncomfortable concentrations of Chicospictin may drift to nearby areas. (2), Do not lift injection shanks to turn at end of a pass until the fundigant has drained from the system following closure of the shuloff velve. (3), Trash pulled by the shanks to the ends of the field when fungishing must be covered by filling the shanks, then covering the trash with polyphylene film before making the turn for the next pass. (4). In case of the rupture of a hose or fitting while applying the fungishing him contained to the function of the functions of the functions of the function of the functions of the function of the func

AFTER FIELD FUMIGATION: Do not feed domestic enimals on crop residues unless an E.P.A. lolerance exists for such use. Examples are, but not limited to, seeded or volunteer cover crops growing on soil which has been fumigated as a preplant treatment for a registered crop use.

NOTE CAREFULLY: Fumigation may temporarily raise the level of ammonia NOTE CARCETULLY: Furnigation may temporarily raise the level of anomonia nitrogen and soluble saits in the soil. This is most likely to occur when heavy raise of artilizer and furnigant are applied to soils that are either cold, well, acid, or high in organic matter. To avoid injury to plant roots, fertilize as indicated by soil tests made after furnigation. To avoid anomonia site and one only fertilizers containing ammonia saits and use only fertilizers containing nitrates until after the crop is well astablished and the soil temporature is about 65 degrees F. Liming highly acid soils before furnigation stimulates highlication and reduces the possibility of ammonia butch?

ENVIRONMENTAL HAZARD

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This furnigent is lock to fish and aqualic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge efficient containing this product in to takes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Poliution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge efficient containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CHEMICAL HAZARD

Do not use containers or application equipment made of magnesium, aluminum, or their alloys, as under certain conditions this fumigant may be severely corrosive to such metals. Do not permit water to be used to clean the fumigant pressure system as corrosion will result. Diesel of its astisfactory for this purpose.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry, well-ventilated area under lock and key. Post as a STORAGE: Store is a cool, dry, well-ventilated area under lock and key. Post as a pestilicitie storage area. Do not contaminate water, food, or feed by storage or disposal.

Persons moving, handling, or opening containers must wear the personal protective equipment (tecluding prescribed respirator) specified in the Hazards to Humans section of this labeling. Open container only in a well-ventilated area.

RETURN OF CYLINDERS: Cylinders are the property of:

Soil Chemicals Corporation

8770 Highway 25

Lone East 20th Street

Lone Gast 20th Street

Lone Gast 20th Street

8770 Highway 25 2060 East 220th Street
Indicater, CA 95023 Long Beach, CA 90810
and should be returned prompily by collect auto freight. (1). When a cylinder is empty,
the valve should be closed, the safety cap screwed onto the valve outlet, and the
protection bonnel replaced prior to its return to the shipper. (2). Do not ship cylinders
without safety cape or valve protection bonnets. (3). When a cylinder is partially full and
there is no further requirement for the product, contact the company for return
instructions. (4). Containers should never be refiled by the consumer or used for any
other product or purpose.

SHIPPING: This furnigant is classified in the U.S. Department of Transportation Hazardous Materials Regulations as Chloropicnin, 6.1, UN 1580, PG I, Poison-inhalation Hazard, Hazard Zone B and no exemptions from specifications, packaging, marking, or transportations of the Chloropiche Chloropiche Chloropiche (Chloropiche Chloropiche) labeling are allowed. Describe empty cylinders as having last contained Chloropicnia (Inhalation Hazard). Do not ship with foods, feeds, or clothing.

HANDLING: (1). The valve protection bonnet and safety cap should be removed only when furnigant is about to be removed from the cylinder. The safety cap and valve protection bonnet must be replaced when the cylinder is not in use. (2). Cylinders should protection bonnet must be replaced when the cylinder is not in tate. (2). Cylinders should never be subjected to rough handling or to abnormal mechanics shock such as dropping, bumpling, dragging, or skiding. (3). Ropes, sings, hooks, longs, and similar handling devices should not be used for unloading cylinders. (4). A suitable hand fruck, fork truck, or similar device to which the cylinders can be firmly secured should be used for transporting the heavier cylinders.

SPILL OR LEAK PROCEDURE: Evacuate everyone from the immediate

SPILL, OR LEAK PROCEDURE: Evacuate everyone from the immediate area of the spill or leak. For entry into affected area to correct problem, wear the personal protective equipment (including prescribed respirator) specified in the Hazards to Humans section of this labeling. Move leaking or damaged containers outdoors or to an isolated location. Observe strict safety procesulones. Work upwind if possable. Alow spilled furnigant to evaporate or to absorb onto vermiculate, dry sand, earth, or similar absorbent materiel. Such material should be disposed of on site or at an approved disposal facility. Only correctly trained and PPE-equipped handlers are permitted to perform such cleanup. Do not permit entry into the spill or leak area by any other person until the concentration of chloropiciris is measured to be less than 0.1 ppm.

DISPOSAL* Designations are found from the property of feed by storage or disposal.

until the concentration of chloropicris is measured to be less than 0.1 pm.
DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.
Pesticide wastes are toxic. Improper disposal of excess pasticide, spray mixture, or finate 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 E.P.A. Regional Office for guidance.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through chilt. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult he agency responsible for pesticide regulation.

PLACARDING OF FUMIGATED AREAS

The applicator (or supervisor of the application) must placard all entrances to the fumigated area

- with signs bearing:

 skull and crossbones symbol

 DANGER/PELIGRO*
- "Area under fumigation, DO NOT ENTER/NO ENTRE,"
 "Chloropleria Fumigant in use,"

a "Chloropleris Fursigant is use,"

... The date and time of funsigation, and

""" "name, address, and lelephone number of the applicator."

"On the address, and lelephone number of the applicator."

Do not allow entry by unprotected persons into the funsigated area until the signs are removed. Such signs must only be removed when the six concentration level of chloroplerin is measure to be less than 0.1 ppm. Signs must remain legible during the entire posting period. Only a certified less than 0.1 ppm. Signs must remain legible during the entire posting period. Only a certified

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and preenhouses, and handlers of agricultural peaticides. It contains requirements for training, decontamination, notification,

*9

agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions perfaining to the statements in this labeling about personal protective equipment, restricted-entry intervals, and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS). No instructions assewhere on this labeling relieve users from complying with the requirements of the WPS.

ENTRY RESTRICTIONS: Greenhouse Space Furnigation: Entry (including early entry that would otherwise be permitted under the WPS) by any person—other than a correctly fashed and equipped handler who is performing a handling task permitted by the WPS— is PROHIBITED in the entire greenhouse (entire enclosed structure/building) from the start of application until aeration reduces the air concentration level of chloropiciris in the working area to less than 0.1 ppm. Greenhouse Solf Furnigation: Entry (including early entry that would otherwise be permitted under the WPS) by any person—other than a correctly trained and equipped handler who is performing a handling task permitted by the WPS— is PROHIBITED in the entire greenhouse (entire enclosed building/structure) from the start of application until 45 hours after application AND until the air concentration level of chloropicin in the working area is measured to be less than 0.1 ppm. Until the secation of the solf is complete (usually 10-14 days), non-handlers are permitted in the greenhouse ONLY white the air concentration level of chloropicin in the working area to measured to be less than 0.1 ppm. Until the secation of the solf is complete (usually 10-14 days), non-handlers are permitted in the greenhouse ONLY white the air concentration tevel of chloropicin in the working area remains less than 0.1 ppm. Until the air level is measured to be less

removed,
NOTIFICATION: Notify workers of the application by warning them orally and by
posting furnigant warning signs, as described in the "Placarding of Furnigated Areas"
section of this tabeling. Post the furnigant warning sign instead of the WPS sign for this
application, but follow at WPS requirements pertaining to location, legibility, size, and
liming of posting and removal. Greenhousses—Soil or Space Furnigation: Post the
furnigant warning signs outside at entrances to the entire greenhouse (entire enclosed
building/structure). Outdoor Soil Furnigation: Post the furnigant warning signs at
advances to treated areas. building/structure). Outdoor Soil Furnigation: Fost are nating an entrances to treated areas.

PPE FOR ENTRY DURING ENTRY-RESTRICTED PERIOD:

PPE for entry that is permitted by this labeling is listed in the "Hazards to Humana and Domestic Animals" section of this labeling.

GENERAL INSTRUCTIONS

THIS PUMIGANT IS A HONLY HAZARDOUS MATERIAL AND SHOULD BE USED ONLY BY PERSONS TRAINED IN 173 PROPER USE. BEFORE USING, READ AND POLLOW ALL LABEL PRECAUTIONS AND DIRECTIONS. ALL PERSONS WORKING WITH THIS FUMIGANT SHOULD BE TRAINED IN THE HAZARDS, THE USE OF REQUIRED RESPIRATOR EQUIPMENT, DETECTION DEVICES, EMERGENCY PROCEDURES, AND THE PROPER USE OF THE FUMIGANT.

SOIL FUMIGATION

Chloropicris is a preplant funigant for the control of soil-borne peels as listed; such as, wheworms and nemalodes, and diseases caused by certain species of *Phythkum, Phytophihora, Fusarium*, and *Verticitium.* It is to be used it soil to be planted to the crops listed below. Prior to application, the soil should be in condition for planting and with sufficient moisture to support seed germination. Keep pets, livestock, and other domestic animals out of the treated area during application, during the exposure period as specified for applications in Directions for Use, and during removal of largouish. If used. tarpaulin, if used.

tarpauin, if used.

APPLKATION: Apply this fumigant by means of chisels spaced no more than 12 inches apart and at a depth of 8 inches below soll surface. To seal in fumigant after application, drag or cultipack immediately behind chisels, or wel down treated area to a depth of 1 inch, or cover treated area with a plestic tarpaulin. If plastic tarpaulin is used, it should remain for a minimum of 48 hours. Do not apply to areas adjacent to fields where valuable crops are growing nor adjacent buildings inhabited by humans or isvestock. Fumigation of small volumes of soil or mushroom casing soil may be made by injecting chioropictin 6 - 8 inches deep in a grid pattern not to exceed 12 inch appeture. spacing.

RECOMMENDED DOSAGES - PREPLANT SOIL FUMIGATION 1

LAND TO BE PLANTED TO:	POUNOS PER ACRE
Floral Crops, Nursery Crops	500
Plant & Seed Bade	300 - 500
Eggplant, Cucumbers, Melons, Tomatoes	300 - 500
Sweet Potatoes, Yams	150 - 400
enoinO	200 - 400
Strawberries	150 - 500
- Al Other Crops 2	150 - 500
Mushrooms Casing Soil 3	5 -10 cc/cu.ft.
Polling Soil	3 - 4 cc/sq.ft.
- Seed Beds	3 - 6 cc/sq.ft.

- If Irealed area is covered with a plastic terpaulin immediately after application, desage may be reduced by 33%.

be reduced by 33%.

Not to be used with aquatic crops or for forestry uses.

In the case of Mushroom solf, seaf with water plus plastic or wet newspapers.

Row or bed applications may be made at the broadcast rates but the amount used will be proportionately less per scree depending on the row spacing and width of treatment in the row or bed.

EXPOSURE AND AFRATION: After application, leave the soil undisturbed for 10 to 14 days. Wet soil retards diffusion of the furnigent, thus requiring a longer exposure period. At the end of the exposure period, as small the soil by plowing or deep cultivation. It heavy rates accompanied by the seaf contraction of the furnigent that the seaf of the exposure period, as the end of the exposure period, sented the soil by plowing or deep cultivation. It heavy rates accompanied by the

temporatures occur during the exposure period, working the soil several times is essential for thorough sersition. Aeration is usually complote when the odor of the furnigent is no longer evident.

4 To facilitate application of this product when applying low does get, distillor with an acceptable solvent is allowed. If the solvent /chloropicni mixture is used for the production of food crops, lies the solvent must be approved for such a use.

WARRANTY

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the tabel when used in accordance with directions under normal enoughties of use, but neither this warranty nor any other warranty of MERCHANTABLITY or ETTMESS ECID A DARTICLE AD INTEREST.

FUMIGATION OF ENCLOSED SPACES

When used for funigation of enclosed spaces (bouses and other structures, warshouses, vaults, chambers, greenhouses, trucks, vans, boxcars, ships, or other transport vehicles) two persons trained in the use of this product must be present at all times during introduction of the funigant, testing, and seration periods. Do not funigate sizes which may be used for the storage or transport of raw agricultural commodities. After funigation, funigated areas must be sected until the air concentration level of chloropicrin is measured to be less than 0.1 ppm. Until the acceptable air concentration level of chloropicrin is measured to be less than 0.1 ppm. Until the acceptable air concentration level is reached, do not allow any person to enter into the funigated respirator) specified in the Hazards to Humans section of this labeling. In greenhouses, additional Worker Protection Standard restrictions apply.

SPACE FUMIGATION: (Not containing raw agricultural commodities): For control of miles.

Worker Protection Standard restrictions apply.

SPACE FUMIGATION: (Not containing raw agricultural commodities): For control of miles, cockroaches, silverfish, and fungi use 1 pound of Chloropicnin per 1000 cubic feet. Increase docage 1 1/4 to 1 1/2 pounds per 1000 cubic feet when absorbent materiels are present.

APPLICATION INFORMATION: Prior to application, all windows, doors, and other openings should be sealed to make the building gas tight. Temperature at time of application should be 60 degrees for higher. Introduce Chloropicnin into a shakow pan, or onto burlap sacks, or shiftar absorbent material located haide the structure. Use fans to hasten evaporation of Chloropicnin and to keep furnigant in circulation. Ventitate area thoroughly for 12 to 24 hours. Fans, dryness, and high temperatures areas to exact the structure.

VAULT FUMIGATION: For the control of fleas, mites, silverfish, cockroaches, and moths in furniture and clothing use 1 to 2 pounds of Chicropicrin. In heavity loaded vaults, increase desage rates by an additional 1 pound per 1000 cubic feet.

APPLICATION INFORMATION: Introduce the desired amount of Chicropicrin into a shallow pan

or onto buriap sacks or similar absorbent material located inside the structure or vault. Use fans to hasten evaporation of Chioropicrin and to keep fumigant in circulation. Exposure time is 24 hours. Ventilate by opening doors and using fans for 12 to 24 hours prior to re-entry.

TREATMENT OF WOOD, TIMBERS, POLES, PILES, AND GLUE-LAMINATED BEAMS FOR CONTROL OF INTERNAL WOOD DECAY BY FUNGI AND INSECTS-

Carafully pour or inject Chloropicrin into drilled holes, then plug the holes with a 2 1/2 inch - 3 inch leasted wood plug. When pouring or injecting lumigant and plugging holes, wear safety goggles to avoid splessing any liquid into the eyes. Holes in poles and piles should be positioned in a spiral palliarn by drilling as hole 6 inches - 12 inches vertically from the preceding hole and rotating it by 90 degrees. Drill holes at a sleep downward angle and avoid drilling through sessoning checks. If a treating hole intersects an internal rot pocket, plug that hole and drill may hole into solid wood above and, if possible, below the rot. For in-ground poles the first hole should be drilled at the ground level. Fill and plug the lowest hole before filling next higher hole. The suggested number of holes are the stated structural feature and does not are believed to the forther better the treatment and continue are believed to the forther better.

Pole Circumference	Hole Diameter,	Length Of Hole	Holes Per Pole	Pints of Fumigant/Pole
Lese Then 32"	5/6	15	6	3/4
	5/6"	18"	5	3/4
	3/4"	15"	4	344
32~ 45"	3/4"	15"	5	1
	- 3/4"	- 18"	5	1
	3/4"	21"	4	1
	3/4"	24	3	
	7/6"	21"	3	1
More than 45"	3/4"	24"	6	2
	778**	21-	5	2
	710	24*	4	2

For piles treated near the cutoff tops, cap the cutoff as recommended by the American Wood Preserver's Assn. Standard MA to contain the chemical and prevent reinfection. To treat plue-laminated beams, use at least 0.06 pints of chemical per cubic foot of wood to be treated. Drail treating holes into the top laminate through at give lines when treatment is necessary. Stagger holes to mixinitize strength reductions of timbers. A vapor barrier wrap may be needed to confine chemical vapor. Do not treat inside an inhabited building, have at least one gas mask with appropriate canisters available at the treating site. Wear protective gear and stand upwind when latestles the terminant. injecting the fumigent.

WARNING AGENT

***ATTINIO AGEN I
Chloropkrin may be used for clearing structures prior to furnigating with methyl bromide or sulfuryl fluoride. Prepare structure for furnigation, and seat all except one entrance. Use 1 ounce per 10,000 - 15,000 cubic feet of space to be furnigated. When building is evacuated, seat the entrance and start the fars. Check seate for lightness. Five to len minutes later, introduce methyl bromide or sulfuryl fluoride.

CHLOROPICRIN 100 is compatible when mixed with Chlorinated C3 Hydrocarbons

