#### UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Shadow Mountain Products Corporation P.O. Box 1327 Hollister, CA 95024

APR 1 0 1997

Attn: Tom Duafala, Ph.D.

Subject: Tri-Clor

EPA Registration No. 58266-2 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,

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

CONCURRENCES					
AWBOL					
URNAME )		***************************************			
PATE PR 10 199	***************************************				

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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.

# TRI-CLOR FUMIGANT

ACCEPTED with COMMENTS in EPA Letter Dates.

APR 10 1997

Union the Federal Insecticide, Pringiple 17 of ticide Act as amend. The Pesticide registered that LPA Reg. No.

58066-2

ACTIVE INGREDIENT: CHLOROPICRIN INERT INGREDIENTS: TOTAL

99% <u>1%</u> 100%

This product weighs 13.7 pounds per gallon.

W6 -1 All 30

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

## POISON

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.

# SHADOW MOUNTAIN PRODUCTS CORPORATION

P. O. BOX 1327 - HOLLISTER, CA 95024

#### PRECAUTIONARY STATEMENTS HAZARD TO HUMANS AND DOMESTIC ANIMALS:

#### DANGER

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 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. 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 ECON 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.

#### AIR CONCENTRATION LEVEL

The acceptable air concentration level for persons exposed to chloropicin is 0.1 ppcs-(0.7 mg/m²). If the air concentration level exceeds 0.1 ppm, an air-puritying 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 delection device, such as a Matheson-Kilagawa.

#### PERSONAL PROTECTIVE EQUIPMENT

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

Applicators and other handlers must wear:

Loose-fitting or well ventilated long selected shirt and long pants

Shoes and socks

Fulface 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, if the air concentration level of chloropterin in the working area is measured to be less 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 (MSHANNOSH approval number prefix TC-23C), OR (b) a respirator with a canteler approved for pesticides (MSHANNOSH 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-six respirator (MSHANNOSH approval number prefix TC-19C) OR (b) a self-contained breathing apparatus (SCBA) (MSHANNOSH approval number prefix TC-13F).

#### WORK SAFETY REQUIREMENTS

- WORK SAFETY REQUIREMENTS

  1. Do not wear jewelry, gloves, goggles, light ciching, rubber protective clothing, or rubber books when handling. Chloropicrin is heavier than air and can be trapped inside clothing and cause skin injury.

  2. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.

  3. Clean PPE after each day's use. Immediately after contamination remove outer clothing, shoes, and accks and do not reuse until thoroughly serated or ventilated. Keep such clothing and shoes outdoors until thoroughly serated. Then follow the PPE manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for weathables, use detergort and hot water. Keep and wash PPE and work clothing separately from other taundry.

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

# **USER SAFETY RECOMMENDATIONS**

Hears should

- Wash hands before ealing, drinking, chewing gum, using tobacco, or using the tolet. Remove clothing immediately if posticide gets inside. Then wash thoroughly and put nemove coming immediately a posticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Supply your physician with information on Chloropicrin, which is available from your your Dealer Representative or the Distributor.

# PRECAUTIONS TO FOLLOW

PRIOR TO FUMIGATION: (1). Before using fumigant, read and follow all directions on the tabel and in the product Rerature. (2). Comply with all local regulations and ordinances. Obtain an application permit from Agricultural Regulation yagencies as required. (3). It is advisable to supply your physician with information on chloropicrin, which is available from the company. (4) Obtain medical assistance at once it case of illness after exposure, and do not allow conditions which could accidentally cause further exposure until recovery is complete. (5). Never fumigale alone. It is imperative to always have an assistant and proper protection equipment, as falled below, to aid in case of procedures. (6). Drivers of application equipment must advise other workers of all procedures and procedures. In addition, drivers must instruct their helpers in the mechanical operation of the tractor and how to work with the tractor and driver while funigating. (7). Handle this funigant is the open, when possible, with the operator tupwind from the container where there is good vertication. (6). Check the Amigant pressures system, when used, for leaks before beginning application. (9). A gas mask must be carried in each service vehicle. (10). Do not spit. If is quid tumigant aphashes or must be carried in each service vehicle. PRIOR TO FUMIGATION: (1), Before using fumigani, read and follow all

Precautions, Continued:

DURING FIELD FUMIGATION: (1) This furnigant should not be applied when there is an atmospheric inversion, since uncomfortable concentrations of Chloropicrio may drift to nearby areas. (2). Do not it injection sharks to turn at end of a pass until the may drift to nearby areas. (2), Do not it injection shanks to turn at end of a pass until the fundigant has drained from the system following closure of the shuloff usive. (3). Trashpulled by the shanks to the ends of the field when furnigating must be covered by sitting the shanks, then covering the trash with polyathylene film before making the turn for the next pass. (4), in case of the repture of a hose or filling while applying the fundigant, immediately stop the tractor and motor. Get off the tractor and get to a piace where the problem can be observed without exposure to the turnes. Approach from upwind, with respiratory protection if required and make necessary repairs. (5). When changing the cylinders, be certain they are turned off and the furnigant system is not under pressure.

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

NOTE CAREFULLY: Fumigation may temporarily raise the level of ammonia NOTE CARTCHULLY: Furnigation may temporarily raise the level of ammonia nitrogen and soluble salts in the soit. This is most likely to occur when heavy raise of fortilizor and furnigant are applied to soils that are either cold, wet, acid, or high in organic matter. To avoid injury to plant roots, fertilize as indicated by soil tests made after furnigation. To avoid ammonia injury and/or nitrate starvation to crops, avoid using fertilizers containing ammonia salts and use only fertilizers containing nitrates until after the crop is well established and the soil temperature is about 65 degrees F. Liming highly acid soils before furnigation stimulates nitrification and reduces the possibility of ammonia toyicity. loxicity.

#### **ENVIRONMENTAL HAZARD**

This fundgant is toxic to fish and aquallo organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effuent containing this product in to takes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Politicion Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effuent 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, aluminitm, or their aloys, as under certain conditions this fumigant may be severely correstve to such melate. Do not permit water to be used to clean the fumigant pressure system as corrosion will result. Dieset oil is satisfactory for this purpose.

#### STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry, well-venitated area under lock and key. Post as a pesticide storage prea. Do not contaminate water, food, or feed by storage or disposal. Persons moving, handling, or opening containers must wear the personal protective equipment (including prescribed respirator) specified in the Hazards to Humans section of this taboling. Open container only in a well-venitated area.

RETURN OF CYLINDERS: Cylinders are the property of: Shadow Mountain Products 8770 Highway 25 Hollster, CA 95023 Shadow Mountain Products

10.0

Shadow Mountain Products
8770 Highway 25
1029 Raikoad Street
Holister, CA 95023
and should be returned promptly by collect suto freight. (1). When a cylinder is emply, the valve should be closed, the safety cap screwed onto the valve outlet, and the protection bonnet replaced prior to its return to the shipper. (2). Do not ship cylinders without safety caps 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 refilled by the consumer or used for any

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

HANDLING: (1). The valve protection bonnet and safety cap should be removed 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 never be subjected to rough handling or to abnormal mechanical shock such as dropping, bumping, draggling, or skiding (3). Ropes, skings, hooks, longs, and similar handling devices should not be used for unlosding cylinders. (4). A suitable hand funct, fork funct, 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 soction of this labeling. Move leaking or damaged containers outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow spilled furnigant to evaporate or to absorb onto vermicuitie, dry sand, earth, or similar absorbent material. Such material should be disposed of on site or at an approved disposal facility. Only correctly trained and PfE-equipped handlers are permitted to perform such cleanup. Do not permit entry link the spill or leak area by any other person until the concentration of chloropicrin is measured to be less than 0.1 ppm.

DISPOSAL: Do not containing water found or feed by storage or disposal.

unto the concentration of chloropicrin is measured to be less than 0.1 ppm.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Pestickle wastes are toxic. 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 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 drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### PLACARDING OF FUMIGATED AREAS

The applicator (or supervisor of the application) must placerd at entrances to the furnigated area with signs bearing:

skull and crossbones symbol

"DANGER/PELIGRO"

- LARSCHUP ELICIKU"
  "Area under fumigation, DO NOT ENTERNO ENTRE,"
  "Chloropicin fumigation in use,"
  "Itle date and time of fumigation, and
  "name, address, and telephone number of the applicato

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its tabeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural posticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements in this tabeling 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 elsewhere on this labeling relieve users from complying with the requirements of the WPS.

No instructions elsewhere 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 trained and equipped handler who is performing a handling task permitted by the WPS— is PROHIBITED in the entire greenhouse (entre enclosed structure/building) from the start of application until seration reduces the air concentration level of chloropicrin in the working area to less than 0.1 ppm. Greenhouse Soif 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 lask permitted by the WPS— is PROHIBITED in the entire greenhouse (entire enclosed building/structure) from the start of application until 48 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 aeration of the soil is complete (usually 10-14 days), non-handlers are permitted in the greenhouse ORA while the air concentration level of chloropicin in the working area remains less than 0.1 ppm. If tarps are used for the application; non-handler entry is prohibited during lary removal and until the air level is measured to be less than 0.1 ppm. Outdoor Soil 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 on this tabeling-is PROHIBITED from the start of application until 48 hours after application, in addition, if steps are used for the application, non-handler entry is prohibited while tarps are being removed.

NOTIFICATION: Notify workers of the application by warning them orally and by posting fundant warning signs, as described in the "Piscarding of Fumigated Areas" section of this labeling. Post the fumigant warning sign instead of the WPS sign for this application, but follow as WPS requirements pertaining to location, legibility, size, and timing of posting and removal. Greenhouses—Solf or Space Fumigation: Post the fumigant warning signs outside all entrances to the entire greenhouse (entire enclosed building/structure). Outdoor Solf Fumigation: Post the fumigant warning signs at 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 Humans and Domestic Animals" section of this labeling.

#### GENERAL INSTRUCTIONS

THIS FLANCANT IS A HIGHLY PAZARDOUS MATERIAL AND SHOULD BE USED ONLY BY PERSONS TRAINED IN ITS PROPER USE. BEFORE USING, READ AND FOLLOW ALL LABEL PRECAUTIONS AND DIRECTIONS. ALL PERSONS WORKING WITH THIS FLANGANT SHOULD BE TRAINED IN THE HAZARDS, THE USE OF REQUIRED RESPIRATOR ECUIPMENT, DETECTOR DEVICES, EMERIGENCY PROCEDURES, AND THE PROPER USE OF THE FUNNGANT.

#### SOIL FUMIGATION

Chloropicthi is a preplant furnigant for the control of soil-borne pests as fisted; such as, wireworms and hemalodes, and diseases caused by cartain species of *Phythium, Phytophthora, Fusanium*, and *Verticilium.* It is to be used in 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 pats, 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 Immuto. Fixed

larpaufin, if used.

APPLICATION: Apply this fumigant by means of chisels spaced no more than 12 inches apart and at a depth of 8 inches below soil 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 plastic tarpaufin. If plastic tarpaufin 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 to buildings inhabited by humans or investock, Fumigation of small volumes of soil or mushroom casing soil may be made to be able to the coverage of the cov may be made by injecting chloropicrin 6 - 8 inches deep in a grid pattern not to exceed 12 inch

\*pacing.

RECOMMENDED DOSAGES - PREPLANT SOIL FUMIGATION \*\*

POLINOS PER ACRE\*

LAND TO BE PLANTED TO:	POUNOS PER ACRE
Floral Crops, Nursery Crops	500
Plant & Seed Beds	300 - 500
Eggplant, Cucumbers, Malons, Tomatoes	300 - 500
Sweet Potatoes, Yams	150 - 400
Oniona	
Sirawberries	150 - 500
All Other Crops 2	150 - 500
Mushrooms Casing Soil 3	5 -10 cc/cu.fl.
Potting Soil	3-4 cc/sq.fl.
Dand Dada	2 . A coleo B

Seed Beds
3-6 cc/sq.ft.
If treated area is covered with a plastic tarpaulin immediately after application, dosego may

If treated area is covered with a pleastic tarpaulin immediately after application, doesge may be included by 33%.

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

In the case of Mushroom soil, seal with water plus plastic or wet newspapers.

In the case of Mushroom soil, seal with water plus plastic or wet newspapers.

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

EMPOSLISE AND AERATION: After application, leave the soil undisturbed for 10 to 14 days. Well soil trateris diffusion of the fumigant, thus requiring a longer exposure period. At the end of the exposure period, averate the soil by plowing or deep cuthvision. If heavy rains accompanied by the exposure period, averate the soil by plowing or deep cuthvision. If heavy rains accompanied by the temperatures occur during the exposure period, excling a soil several times is assential for theoretic new temperatures. Occur during the exposure period, excline the soil several times is assential for theoretic new temperatures.

To lacitate application of this product when applying low dosages, diction with an acceptable solvent is allowed. If the solvent /chloropicris mixture is used for the production of food crops, then the solvent must be approved for such a use.

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# **FUMIGATION OF ENCLOSED SPACES**

When used for funigation of ancissed spaces (houses and other structures, warehouses, vaults, When used for funlgation of ancissed spaces (houses and other structures, werehouses, vaults, chambers, greenhouses, frucks, vans, boxcars, ships, or other transport vehicles) two persons trained in the use of this product must be present at all fines during introduction of the funlgant, lesting, and aeration periods. Do not funlgate sites which may be used for the storage or transport of raw agricultural commodities. After funlgation, funlgated areas must be aerated until the 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 funlgated area unless heishe is wearing the specified personal protective equipment (including prescribed respirator) specified in the Hazards to Humans section of this labeling. In greenhouses, additional Worker Protection Standard restrictions apply.

SPACE FULMICA TION.

Worker Protection Standard restrictions apply.

SPACE FUMIGATION: (Not containing raw agricultural commodities); For control of mites, cockrosches, silverfish, and fungi use 1 pound of Chloropicin per 1000 cubic feet. Increase dotage 1 1/4 to 1 1/2 pounds per 1000 cubic feet when absorbent materials are present.

APPLICATION INFORMATION: Prior to application, all windows, doors, and other openings should be sealed to make the building gas light. Temperature at time of application should be 50 degrees for higher, introduce Chloropicin into, a shallow pan, or onto burtan sacks, or similar absorbent material located inside the structure. Use fans to hasten avaporation of Chloropicin and to keep immigant in circulation. Ventitate area thoroughly for 12 to 24 hours. Fans, dryness, and high temperatures speed seration.

iemperatures speed seration.

VAULT FUMIGATION: For the control of fless, mikes, silverfish, cockroaches, and moths in furniture and clothing use 1 to 2 pounds of Chloropicrin. In heavily loaded vaults, increase dosage rates by an additional 1 pound per 1000 cubic feet.

ACPLICATION.INFORMATION: introduce the desired amount of Chloropicrin into a shallow pan or onto burdap sacks or similar absorbent material located inside the structure or vault. Use fans to hasten evaporation of Chloropicrin and to keep jumigant, in circulation. Exposure time is 24 hours. Venifate 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-

Carefully pour or inject Chloropiorin into drilled holes, then plug the holes with a 2 1/2 inch - 3 inch treated wood plug. When pouring or injecting furnigant and plugging holes, were safety goggles to avoid splashing any liquid into the eyes. Holes in poles and piles should be positioned in a spiral pattern by drilling each hole 6 inches - 12 inches verifically from the preceding hole and rotating it by 90 degrees. Drill holes at a steep downward angle and avoid drilling through seasoning heeks. If a treating hole interacts an internal not pocket, plug that hole and drill new 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 per treated structural timber and doesge are indicated in the following liable:

Pole Circumlerança	Hole Dismeler	Length Of Hole	Per Pole	Pints of Fumigant/Pole
less Than 32	5/6"	15	8	3/4
	5/8"	18"	5	3/4
- 16 teg_2511. 7	3/4	15"	-4	3/4
32" - 45"	3/4*	15" -	.6	t
	3/4	18"	5	1
	3/4"	21,	4	t
	3/4"	24"	3 .	t
	7/5	21" 24"	3	1.
More than 45°	334	24"	6	2
	7/8	21	5	2

7.65 24" 4 2

For ples 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 glue-laminated beams, use at least 0.06 pints of chemical per cutic toot of wood to be treated. Drit treating holes into the top laminate through all glue lines when treatment is necessary. Stanger holes to minimize alrength reductions of timbers. A vapor barrier wrap may be needed to contine chemical vapor. Do not treat inside an inhabited building. Have at least one gas mask with appropriate canisters available at the treating site. Wear projective gear and stand upwind when injecting the furnigant.

9 N.

### WARNING AGENT

Chloropicrin may be used for clearing structures prior to (umgating with methyl bromide or sultury) fluoride. Prepare structure for fumigation, and seal all except one entrance. Use 1 ounce per 10,000 - 15,000 cubic feet of space to be fumigated. When building is evacuated, seal the entrance and start the fairs. Check seals for lightness. Five to ten minutes later, introduce methyl stambles as withing thought. bromide or sulfury! fluoride.

TRI-CLOR is compatible when mixed with Chlorinated C3 Hydrocarbons

