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 INGREDIENTS

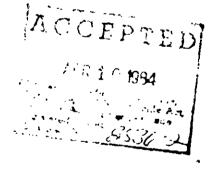
CHLOROPICRIN

99%

INERT INGREDIENTS

TOTAL

100%



KFEP OUT OF REACH OF CHILDREN

DANGER



POISON

SEND FOR A DOCTOR IMMEDIATELY IN CASE OF EXPOSURE

STATEMENT OF PRACTICAL TREATMENT

IF INHALED—Carry Patient To Fresh Air. Call Physician At Once. Make Sure Patient Can Breathe Freely. Keep Patient Warm. Give Artificial Respiration If Breathing Has Stopped. Oxygen Should Be Administered Only By Qualified Personnel.

IF ON SKIN - Immediately Remove All Contaminated Skin Covering Including Shoes, Clothing And Adhesive Or Other Bandages. Wash Skin Thoroughly With Soap And Water. If Irritation Or Blisters Develop, Get Medical Attention. Do Not Reuse Shoes Or Clothing Until Free Of All Contamination

IF IN EYES — Flush Immediately With Plenty Of Water For At Least 15.
Minutes And Get Medical Attention.

NOTE TO PHYSICIAN Keep Patient At Rest And Under Observation For 24 to 48 Hours.

PRECAUCION AL USUARIO: Si Usted No Lee Inglés, No Use Este Producto Hasta Que La Etiqueta Le Haya Sido Explicada Amplia mente

TRANSLATION: TO THE USER If You Cannot Read English, Do Not-Use This Product Unit. The Label Has Been Fully Explained To You

See Side Panel For Additional Precontionary Statements

SOIL CHEMICALS CORPORATION

P O BOX 531

MORGAN HILL, CALIF 95037

E.P.A. EST. 8536-C, , 2, 3, 4; FL-1 E.P.A. REG. NO 8536-2

NET CONTENTS

LBS

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 REPRESENTATIVE OR SOIL CHEMICALS CORPORATION FOR CORRECT PROCEDURE, BEFORE USING, READ AND FOLLOW ALL LABEL DIRECTIONS AND PRODUCT LITERATURE SPECIFIC TO YOUR PARTICULAR REQUIREMENTS.

EXTREMELY HAZARDOUS LIQUID AND VAPOR INHALATION MAY BE FATAL OR CAUSE **LUNG INJURY** LIQUID AND VAPOR MAY BURN EYES OR SKIN

Chloropicrin fumigant has the capacity to cause marked irritation to the upper respiratory tract, and is a strong lachiv matur (fear producing eye irritant). Low concentrations, below those necessary to cause sericles systemic intoxication, are canable of causing severely painful eye irritation, hence we incit be valuntarily tolerated. However, the effect may be so powerful that a person may be in eltemporatily billnded and panic struken and that in turn may lead to accidents

PRECAUTIONS TO FOLLOW PRIOR TO FUMIGATION:

- Before using this fumigant ire at and followiall directions on the laber and in product
- Comply with a local regulations and indinances. Obtain an application permit from Agricultural Peal latery Agencies is required.
- this advisable to supply your physicial withinformation on Children and which is
- as a sable from \$. Chemicals Corporation Others medic assistance of incernitose of liness, theresposite in gig. India.

- Ottom medical assistance of line in rase of liness, there exposite image in the word of the medical process of the exposite intervals of the exposit mode in a famigant in the open when positive with the operator or wind
- to in the container where there is good ventilation. Fig. Check formulant pressure is from when waed for leaks before beginning in pication

RESPIRATORY EXPOSURE

4 RESPIRATORY PROTECTION Do not breathe fumes. A gas mask must be carried in each service vehicle. Because of the lach ymatory action of this funligant, it will serve as its own identifying agent to help prevent over exposure. However if vapor exposure may occur in a contined space of full face gas mask with an air supply itank or a rine is recommended. Read and follow the gas mask manufacturers, recommendations. A full face gas must with a fresh conister meeting NILOSH specifications for organic vapors can also be used under certain circumstances where the vapor concentration is knr white be under 2% by solume 18.4 lb. per 1000 cu.ft.) Canisters should be used for no in the than that period rein immended by the manufacturer. Destroy used constructions is satisfied by the depended upon as an irrentifying agent when a canister gas mask is sed

EYE EXPOSURE

- 10 Wear safety glasses where working with this furnigant. Expasure of eyes to sprashing liquid fungiant may render an individual helpless.
- 17. In case of eye exposure first leyes with clean water

SKIN EXPOSURE

- 12 Do not spill. Il liquid furnigant splashes or spills, on shoes or clothing, remove them at once, as furnes from the conto minated area will be an intolerable source of irritation. If liquid contacts skin, where rings or bondages are worn, remove them and wash exposed skin, with scorp and water. Air expose shoes or clothing outside and do not wear until free of all traces of furnigant.
- 13. Always have ade cate clean water available to wash skin

SEE HANDLING PRECAUTIONS CONTINUED IN THIRD COLUMN ---

PRECAUTIONS TO FOLLOW DURING FIELD FUMIGATION:

- 14 This fumigant should not be applied when there is an atmospheric inversion, since uncomfortable concentrations of Chloropicrin may drift to nearby areas. Immediately cover treated areas with plastic tarpaulin for a minimum of 48 hours.
- 15 Do not lift injection shanks to turn at end of a pass until furnigant has drained from system following closure of shutoff valve.
- 16 Trash pulled by the shanks to the ends of the field when funigating must be covered by lifting the shanks, then covering the trash with polyethylene film before making the turn for the next pass.
- 17 In case of a rupture of hose or fitting while applying furnigant immediately stop tractor and motor. Get off tractor and get to a place where the problem can be observed without exposure to fumes. Approach from upwind, with respiratory protection if required, and make necessary repairs.
- 18 When changing the cylinders be certain they are turned off and furnigant system is not under pressure.

PRECAUTIONS TO FOLLOW AFTER FIELD FUMIGATION:

- 19 Post all treating areas with warning signs available train SQIL CHEMICALS CORFORA-TION.
- 20 Keep of an masich arm and inauthorized people away from area indepfining that during 48 hour explising period and define removal of targle in.
- 2. Do not the advance to an major in my presidure on the Source Resource of the triplace in the source of the Examples are part not not be a full seeded on solicities cover in pright within the properties of part with a first been full spated as a preplant treatment for a registered cross see.
- NOTE CARREPULLY Funnigation in the soil. This is most likely to accur when hency intres of fertilizer and tem gair are applied to soils that are either cold, wet, acid, or righ in organic matter. To avoid injury to plant roots, fertilize as indicated by soil fests made after fundation. It is avoid ammonia injury or intrate star vation or both, to crops, avoid using fertilizers containing airmanium soils and use only fertilizers containing air tates unto interest the crop is well established and the soil temperature is above 65° F. Limit a live acid soils before furnigation stimulates nitrification and reduces the prossibility.

ENVIRONMENTAL HAZARD

This formigant is trivial to fish and wild be It should not be discharged whole time the lakes streams pends or public water. Do not contaminate water by that ingliff c_{ij} bit entire dispose of wastes.

CHEMICAL HAZARD

Do not use containers or application equipment made of magnesium at an num or their alloys as indericerta inconditions this famigant may be severely corrosive to such metals. Do not permit water to be used to clean famigant pressure system as corrosion with res. It Diese of its which thou for their more.

DIRECTIONS FOR USE

If α violation of federal law to use this product in a manner inconsistent with its labeling

STORAGE AND RETURN OF FUMIGANT CYLINDERS

STORAGE

Do not store with food, feeds or clothing

Storage areas should be-

- (1) Secured by lock and key
- (2) Posted as pesticide storage (3) Away from dwellings.
- (4) Dry and cool
- (5) Well ventilated

SPILL OR LEAK PROCEDURE

Evacuate affected area, use respiratory protection and correct problem. Move cylinder outdoors or to an isolated location. Wash furnigant into soil or cover with soil if possible Allow liquid to evaporate. Do not permit re-entry into area until free of fumes

(1) Cylinders are the property of Soil Chemicals Corp

Soil Chemicals Corp 7610 Hwy, 41 North 2060 E 220th

Long Beach, CA 90810

Palmetto, FL 33561

- and should be returned promptly by collect auto freight
 12. When a cylinder is empty, the valve should be closed, the safety cap screwed onto the valve outlet, and the protection bannel replaced prior to its return to the
- (3). Do not ship cylinders without safety caps or valve protection bonnets.
- 14. When a cylinder is partially full and there is no further requirement for the product, contact Soil Chemicals Corporation for return instructions
- (δ) . Containers should never be refuled 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 Chloropicrin Liquid, class "B" poison and no exemptions from specification packaging, marking and labeling are allowed. Describe empty cylinders as having last contained Chloropicrin Liquid. Do not ship with food, 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 value protection bonnet must be replaced when cylinder is not in use.
- (2) Cylinders should never be subjected to rough handing or to abnormal mechanical shock such as dropping bemping aragging or siding.

 3. Rope stings hooks, tangs, and sidinal handing devices should not be used for
- A suitable hand trees for the least 10 devices which the growing perfimily writted shall all except to insure that the second except to the second except to

TRI-CLOR is a proplant fumigant for control of soil-borne pests such as wireworms and nematodes, and diseases caused by certain species of Pythium, Phytophthora, Fusarium and Verticillium. It is to be used in soil to be planted to crops listed below. Prior to application the soil should be in condition for planting and with sufficient moisture to support seed germination.

APPLICATION

Apply this fumigant by means of chisels spaced no more than 12" apart and at a depth of 8" below the soil surface. To seal in fumigant after application drag or cultipack immediately behind chisels or wet down treated area to a depth of 1" or cover treated area with a plastic tarpaulin. If a plastic tarpaulin is used it should be removed after 24 hours. Do not apply to areas adjacent to fields where valuable crops are growing or near buildings inhabited by humans or livestock.

Fumigation of small volumes of soil or mushroom casing soil may be made by injecting chloropicrin 6-8 inches deep in a grid pattern not to exceed 12 inch spacing.

RECOMMENDED DOSAGES*				
Preplant soil fumigation, land to be planted to:	Lbs. Per Acre			
Strawberries	150-500			
Tomatoes	300-500			
Floral Crops	500			
Nursery Crops	500			
Onions	200-400			
Plant & Seed Bedz	300-500			
Eggplant	300-506			
Cucumbers	300-500			
: lons	viv(-50)			
.weet Potatoes	150-40.			
Yame	150-46			
All other crops	150-506			
Mushrooms casing soil	5-10 cc/cu. ft.			
Potting soil	3-4 cc/sq. ft.			
Seed beds	3-6 cc/sq. ft.			
4 10 1	115 m 11 m 12 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m			

^{*} If treated area is covered with a plastic tarpaulin remediately after application, dosage may be reduced by 33%.

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

Row or bird explications may be in ade in the broadcast rates to title in it, into and we be proportionately less percarrie depending on the risk spacing and writte of the timent in the row or bed.

EXPOSURE AND AFRATION

After $\Re \mathcal{L}$ cofor leave the w_i in his rhed from 1.16 1.4 days. Wet soil retards diffusion of the 1 migrant, this requiring a longer exhibitive period. At the end of the exposure period, acrolle the will by plicking or deep collection of the axy rains accompanied by low temperature occur during the exposure period, working soil several times is essential for thorough aeration. Aeration is as ally complete, when the indian of the lumigant is no torque existent.

COMMODITY FUMIGATION Chick ascer may be used for fumigate of entain raw agricultural commodities for control of rice weeks on the diffusion beetle cadelle lesser grain borer saw toothed and grain moth.

ODSAGE RATES Per 1000 bushels of clean dry grain in tight steel or concrete bins use 2 Spounds for wheat barley rice and buckwheat 3 pounds for corn. 3 pounds for oats, and 4 pounds for grain sor grum imito: Dosage should be increased by a pound per 1000 busines for grain stored in wooden bins.

*PPLICATION INFORMATION To avoid loss of fumigation storage bins.

PPELIALION INFURMATION TO AVOID TOSS OF TURINGAL! STORAGE BIRS 11-1 headspace should be sealed and airtight. Introduce Coordinates the Light of the grain stream when grain is furned or as storage birs are filled. If grain can not be turned. Chloropicrin should be applied unitority through the grain mass by use of probes. Use one probe for each 15 to 20 square feet of surface area. Probes should be inserted at least 4 feet below the surface of the grain. Application of. Chloropicrin should be made to within 4 feet from the bottom of the bir. Grain near the surface of the bir should be treated by applying Chloropicrin to burlap bags spread flat on the grain surface. Birs should remain sealed for at least 72 hours. Furnigated grain should be thoroughly averaged before use.

SPACE FUMICATION (Not containing raw agricultural commodities): For control of mites, cockroaches, silverfish and fungit use 1 pound of Chloroperin per 1000 cubic feet Increase dosage 1% to 1% pounds per 1000 cubic feet when absorbent materials are present. Use 0.35 pounds to 0.70 pounds per 1000 cubic feet in empty potato houses 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 F or higher. The air in potato houses should be saturated with moisture at a temperature of 70°F. Introduce Chloropicin into a shallow pan or onto burlap sacks or similar absorbent material located inside the structure. Use tans to hasten evaporation of Chloropicin and to kee, fumigant in circulation. Ventilate area thoroughly for 12 to 24 hours before resouring operations. Fans. dryness, and high temperatures speed aeration.

VAULT FUMIGATION. For the control of fleas, mites susertish corproaches and moths in furniture and clothing use 1 to 1 pounds of Chloropicrin. In heavily loaded vaults, increase dorage, ales by an additional 1 pound per 1000 cubic feet. For sarker grain, see 5 pounds per 1000 cubic feet of space.

APPLICATION IMFORMATION introduce the desired amount of committee a shallow pain or onto burlap sacks or similar absorber material located inside the structure or vault. Use tans to haster apporation of Chloroperin and to keep furnigant in circulation. Exposure time is 24 hours. Ventitate by opening doors and using tans for 12 to 24 hours prior to reentry.

RAT AND MOUSE CONTROL. For the control of rats and mice in ware nouses seed corn dryers seed storage buildings and grain mice unit to 2 pounds per 1000 square feet for mice and 2 to 2 ippounds per 1000 square feet for rats. Increase dosage by to 1 pound per 1000 square feet if the struct in the struct in the struct and the struct and the struct are stacked as a with sacked commodities.

APPLICATION INFORMATION Seal any cracks or openings which in at the struct and the struct are stacked as a series of seal any cracks or openings which in at the series of seal any cracks or openings which in a series of seal any cracks or openings which in a series of seal any cracks or openings which in a series of seal any cracks or openings which in a series of seal any cracks or openings which in a series of seal and seal an

APPLICATION INFORMATION Seal any cracks or openings which in lot any which against descape or all twinders to effer or leave the burning. Was mispale as much as coosine of furnace underseases who is to a few three prior to application. Introduce the desired almount of into a shallow pan or onto burlap sacks or sum far at some timeter allocated inside the structure. Circulate with lans by directing air streams over the pan or absorbe it raterial to hasten evaporation. Exposure time is 12 to 24 hours.

WARNING AGENT: Criminal is may be used for clearing structure prior to furnigating within ethyl brom de ni sulfury' fluoride. Propare tructure for furnigation and seal all except one entrance. Use is used per 10,000 cubic feet of space to be furnigated. When building exist alled sear the last entrance and start the fairs. Check seals of the first phriess. Five to terminutes later introduce methyl bromide or sulfury! fluoride.

warning SIGNO. An grain clevalur, warehouse youth and our structural fumigation with the election of the posted with warning griss. Post all enviances with signs a linearing trees grail word DANGER the skull and crossbones in words. Area under fumigation do not enter until completely aerated, the date of fumigation name of fumigant used, emergency terephone number for contact and the name and address of the fumigation. Do not reminished warning signs, that the fumigated area is comprehely aerated in a sight for entry as indicated by a suitable detector.

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

Carefully pour or inject Chloropicrin into drilled holes then plug the holes with a 25-3" treated wood plug. When pouring or injecting fumigant and plugging holes wear 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 6-12" vertically from the preceding hole and rotating it by 90°. Drill holes at a steep downward angle and avoid drilling through seasoning checks. If a treating hole intersects and internal rot 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 lowest hole before filling next higher hole. The sugested number of holes per treated structural timber and dosage are indicated in the following table.

Pole Circumference	Hole Diameter	Length Hole	Holes per Pole	Pints of following following is a spant pole
Less than 32"	5/8"	15 "	6	3/4
	5/8"	18"	5	3/4
	3/4"	15 "	4	3/4
>2"-45"	3/4"	15"	U	1
	3/4"	18"	5	1
	3/4"	21"	4	1
	3/4"	24"	•	1
	7/8"	21"	;	1
More than 45"	3/4"	24"	*	2
	7/8"	21"	- .	2
	¬ /8 "	24"	••	2

For piles treated near the cut off top , in the cut off an recommended by the American Wood Freserver's assn. Standard M4 to contain shortcal and prevent reinfection.

To treat glue-laminated beams, use at least 0.66 pint of enemical percubic foot of wood to be treated. Frill treating mole into the top laminate through all flue lines which treatment is necessary. Stagger holes to minimize strength relactions of timbers. A capor barrier wrap may be needed to confine chemcial capor. Do not treat inside inhabited building.

Have at least one gas mask with appropriate cannisters available at the treating site. Wear protective gear and stand upwind when injecting fumigant.

CHLOROPICRIN 100 is a reparable when mixed with Chlorinated ι . Hydrocarbons

