

8536-8

12/11/1981

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acceptance stamp
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ECIMEN

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.

PIC-CLOR 60 PREPLANT SOIL FUMIGANT

ACTIVE INGREDIENTS

*CHLORINATED C ₃ HYDROCARBONS	40%
CHLOROPICRIN	60%
TOTAL ACTIVE INGREDIENTS	100%

(*Includes 1,3-Dichloropropene and Related C₃ Hydrocarbons)

KEEP OUT OF REACH OF CHILDREN

DANGER



POISON

IF INHALED—Remove To Fresh Air. If Not Breathing, Give Artificial Respiration, Preferably Mouth-To-Mouth. If Breathing Is Difficult, Give Oxygen. Call A Physician.

IF ON SKIN—Immediately Flush Skin With Plenty Of Water For At Least 15 Minutes While Removing Contaminated Clothing And Shoes. Call A Physician. If Water Is Not Immediately Available, Remove Excess Chemical From Skin With Absorbent Material Such As Towel Or Dry Soil, Then Proceed At Once To Location Where Water Is Available And Thoroughly Wash Contaminated Skin With Plenty Of Water. Call A Physician.

IF IN EYES—Immediately Flush Eyes With Plenty Of Water For At Least 15 Minutes. Call A Physician.

IF SWALLOWED—Immediately Induce Vomiting By Giving Two Glasses Of Water And Sticking Finger Down Throat. Call A Physician. Never Give Anything By Mouth To An Unconscious Person.

SEE FURTHER INSTRUCTIONS UNDER HANDLING
PRECAUTIONS SECTION ON SIDE PANEL

SOIL CHEMICALS CORPORATION

P. O. BOX 531 MORGAN HILL, CALIF. 95037

E.P.A. EST. 8536-CA-1, 2, 3, 4; FL-1
E.P.A. REG. NO. 8536-8

NET CONTENTS LBS.

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

HAZARDOUS LIQUID AND VAPOR, MAY BE FATAL IF INHALED, ABSORBED THROUGH SKIN, OR SWALLOWED. CAUSES BURNS OF SKIN OR EYES. MAY PRODUCE KIDNEY, LIVER OR LUNG DAMAGE UPON PROLONGED EXPOSURE.

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Do Not Breathe Vapor. Do Not Get In Eyes, on Skin, on Clothing. Do Not Take Internally. Use Only With Adequate Ventilation. Wear Eye and Skin Protection Necessary to Prevent Contact When Handling. Wash Thoroughly After Handling, and Before Eating or Smoking.

If protective gear, such as boots or gloves, becomes contaminated, immediately wash with soap and water. Never wear protective gear having the odor of Chloropicrin or 1,3-Dichloropropene. Aerate and wash all protective gear thoroughly after use until all odor is gone. Render unusable and dispose of contaminated leather goods, including shoes.

Provide good ventilation when applying or transferring PIC-CLOR 60 to other containers. If it is necessary to be in discomforting concentrations of PIC-CLOR 60 vapor, wear a full face mask with canister recommended for use in organic vapors. The Chloropicrin portion of this ant has the capacity to cause marked irritation to the upper respiratory tract, and is a lachrymator (tear producing eye irritant). Low concentrations, below those necessary for serious systemic intoxication, are capable of causing severely painful eye irritation, which 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.

DIRECTIONS FOR USE **HANDLING PRECAUTIONS**

DO NOT INHALE VAPORS: NIOSH- or MESA-approved respiratory protection should be worn when product is exposed to the atmosphere, or when conducting operations which vent to the atmosphere. A NIOSH- or MESA-approved half-face respirator with chemical workers goggles or full-face respirators, shall be used during small spills, repairs, calibrations, transfers, sampling, and when working in poorly ventilated areas. When in use, canisters or cartridges shall be replaced daily or sooner if specified by manufacturer or at first sign of odor breakthrough, whichever comes first. NIOSH-approved cartridges, such as Welsh 7400-IL will be adequate for short-term situations such as listed above.

Where very high concentration of vapors might be expected (such as large spills in poorly ventilated areas) a self-contained or air-supplied respirator should be used.

DO NOT GET ON SKIN: When handling or working with product, wear clean body covering including gloves and heavy footwear. Immediately remove contaminated coverings. Aerate and wash all protective clothing and gear thoroughly after use.

There are no protective clothing materials that are completely impervious. Rubber, vinyl protective gear, thin layers of polyethylene (minimum 1 mil), give short-term protection and are immediately discarded upon contamination. Heavy (3 + mil) polyethylene, rubber, neoprene provide longer term protection. Leather gives no protection. If gear becomes contaminated, immediately wash with soap and water. Never wear protective gear having odor of fumigant. Wash and aerate all protective gear thoroughly after use until all odor is gone.

DO NOT GET IN EYES: Wear eye protection such as chemical worker's goggles or full-face respirator when handling product.

DO NOT SWALLOW: Do not use the mouth to siphon product from containers or to blow out clogged lines, nozzles, etc.

NOTICE

- Undesirable concentrations of chloropicrin following soil fumigation with PIC-CLOR 60 may drift to nearby areas. If this occurs immediately cover treated area with a plastic tarpaulin. The tarpaulins should remain in place overnight and be removed during the daytime. If the escaping vapors reach an undesirable concentration, as indicated by eye irritation, the treated area should be re-covered. Since air movement assists the dilution of the escaping fumes it is most likely that undesirable concentrations will build-up during evenings or nights when the air is static. Application of PIC-CLOR 60 should not be made when there is little or no air movement or when there is an inversion.
- Note carefully: Fumigation may temporarily raise the level of ammonia nitrogen and soluble salts in the soil. This is most likely to occur when heavy rates of fertilizer and fumigant 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 fumigation. To avoid ammonia injury or nitrate starvation, or both, to crops, avoid using fertilizers containing ammonium salts and use only fertilizers containing nitrates until after the crop is well established and the soil temperature is above 65°F. Liming highly acid soils before fumigation stimulates nitrification and reduces the possibility of ammonia toxicity.

ENVIRONMENTAL HAZARD

This fumigant is toxic to fish and wildlife. It should not be discharged where it will drain into lakes, streams, ponds, or public water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARD

COMBUSTIBLE: Do not use, pour, spill or store near heat or open flame. Do not cut or weld container.

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 fumigant pressure system as corrosion will result. Diesel oil is satisfactory for this purpose.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

CATEGORY OF APPLICATOR

FOR RETAIL SALE AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATORS CERTIFICATION.

STORAGE, SHIPMENT AND DISPOSAL

STORAGE: Store in tightly-closed original container in a cool place away from dwellings. Do not allow contamination of seeds, plants, fertilizers or other pesticide chemicals. Do not contaminate food, feedstuffs, drugs, or domestic water supplies.

SHIPMENT: Do not ship or store in food, feeds, drugs, or clothing.

DISPOSAL: Rinse equipment and containers and dispose of wastes, including spills or rinsates, in a landfill approved for pesticides or by burying in non-crop lands away from domestic water supplies. Punch holes in containers before disposal.

RETURN OF CYLINDERS

- (1) Cylinders are the property of:

Soil Chemicals Corp.
2060 E. 220th
Long Beach, CA

Soil Chemicals Corp.
7610 Hwy. 41 North
Palmetto, FL

and should be returned promptly by collect auto freight.
- (2) When a cylinder is empty, 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.
- (3) Do not ship cylinders without safety caps or valve protection bonnets.
- (4) When a cylinder is partially full and there is no further requirement for the product, contact Soil Chemicals Corporation for return instructions.
- (5) Containers should never be refilled by the consumer or used for any other product or purpose.

GENERAL INFORMATION

PIC-CLOR 60 is a preplant soil fumigant for control of soil-borne pests such as wireworms and nematodes, and diseases caused by certain species of Rhizoctonia, Pythium, Fusarium, Phytophthora and Verticillium. PIC-CLOR 60 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 PIC-CLOR 60 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 area with a plastic tarpaulin. If a plastic tarpaulin is used it may be removed after 24 hours. Do not apply PIC-CLOR 60 to areas adjacent to fields where valuable crops are growing or near buildings inhabited by humans or livestock.

RECOMMENDED DOSAGES

Land To Be Planted To:	Lbs. Per Acre
Strawberries	500-650*
Tomatoes	500-650*
Floral Crops	500-650*
Nursery Crops	500-650*
Onions	500-550
Radishes	500-550
Plant & Seed Beds	500-550
Eggplant	500-650*
Cucumbers	500-550
Melons	500-650*
Sweet Potatoes	275-375

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

EXPOSURE AND AERATION

After application leave the soil undisturbed for 14 to 21 days. Wet soil retards diffusion of the fumigant, thus requiring a longer exposure period. At the end of the exposure period, aerate the soil by plowing or deep cultivation. If heavy rains accompanied by low temperature occur during the exposure period, working soil several times is essential for thorough aeration. Aeration is usually complete when the odor of the fumigant is no longer evident.

WARRANTY

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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ACCEPTED

DEC 1 1 1981

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8536-8



8-17-81