

Reg # 8536-22

PM-22

1 of 6

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 8536-22	JUL 26 1997
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT picol... 30	

**NOTICE OF PESTICIDE:**  REGISTRATION  
 REREGISTRATION  
 (Under the Federal Insecticide, Fungicide,  
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Soil Chemicals Corporation  
 6770 Highway 25  
 P.O. Box 782  
 Hollister, CA 95024-0782

**NOTE:** Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit (cite all data or other material required for registration/ reregistration of your product under FIFRA section 3(c)(1) and FIFRA section 3(c)(7)(A) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 8536-22" to your label before you release the product for shipment.
3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the a-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Cynthia Giles-Parker  
 Product Manager (22)  
 Fungicide-Herbicide Branch  
 Registration Division (H75050)

**BEST AVAILABLE COPY**

enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>C. J. Giles-Parker</i>	DATE
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### 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.
15. Do not lift injection chains to turn at end of a pass until the fumigant has drained from the system following closure of the shut-off valve.
16. In case of the rupture of a hose or fitting while applying the fumigant, immediately stop the tractor and motor. Get off the tractor and get to a place where the problem can be answered without exposure to the fumigant. Approach from up wind, with respiratory protection if required, and make necessary repairs.
17. When changing cylinders, be certain they are turned off and the fumigant system is not under pressure.

### PRECAUTIONS TO FOLLOW AFTER FIELD FUMIGATION

18. If required, post all treated areas with warning signs. The signs are available from your dealer or representative.
19. Keep all animals, children, and unauthorized people away from areas under fumigation during 48 hour exposure period and during removal of fumigant.

#### NOTE CAREFULLY:

Fumigation may temporarily raise the level of ammonia nitrogen and nitric acid 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 following fumigation. To avoid ammonia injury and/or nitrate starvation to crops, avoid using fertilizers containing ammonia salts and use only fertilizers containing nitrate until after the crop is well established and soil temperature is about 65° F. Using highly acid soils before fumigation stimulates nitrification and reduces the possibility of ammonia toxicity.

### ENVIRONMENTAL HAZARD

This pesticide is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an SPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the 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 aluminum, 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 any manner inconsistent with its labeling.

### STORAGE AND DISPOSAL

#### STORAGE:

Store in dry, cool, well-ventilated area under lock and key. Post as a pesticide storage area. Do not contaminate water, food, or feed by storage. Persons moving or handling containers should wear protective clothing. Open container only in a well-ventilated area wearing protective clothing, and respiratory protection if necessary.

#### RETURN OF CYLINDERS:

Cylinders are the property of:  
Soll Chemical Corporation      Soll Chemical Corporation  
2770 Highway 25      2250 East 20th St.  
Mollislar, CA 95035      Long Beach, CA 90816

1. When a cylinder is empty, the valve should be closed, the safety cap screwed onto the valve outlet and the protection removed prior to its return to the shipper.
2. Do not ship cylinders without safety caps or valve protection removed.
3. When a cylinder is partially full and there is no further requirement for the product, contact Soll Chemical Corporation for return instructions.
4. Containers should never be refilled by the consumer or used for any other product or purpose.

#### SHIPPING:

This fumigant is classified in the U.S. Department of Transportation Hazardous Materials Regulations as Chlorocarbon, a toxic class 2.1 poison and no exceptions from specifications regarding marking and labeling are allowed. Treatise empty cylinders as having last contained Chloropicrin residue. Do not ship with food, feeds or clothing.

#### HANDLING:

1. The valve protection should be removed only when fumigant is about to be released from the cylinder. The safety cap and valve protection should 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 crushing, bumping, dragging, or sliding.
3. Hooks, chains, blocks, tongs, and similar handling devices should not be used for unloading cylinders.
4. A suitable hand truck, fork truck, or similar device to which the cylinders can be firmly secured should be used for transporting the heavier cylinders.

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**DIRECTIONS FOR USE, CONTINUED:**

**SPILL OR LEAK PROCEDURE:**

Evacuate immediate area of spill or leak. Use SCBA combination air-supplied SCBA respirator, or approved equivalent respirator for entry into affected area to correct problem. Move leaking or damaged containers outdoors or to an isolated location, observing strict safety precautions. Work upwind if possible. Allow spilled material to evaporate, or to absorb onto vermiculite, dry sand, earth, or similar absorbent material which may be disposed of on site, or at an approved disposal facility. Do not permit entry into spill area or cleanup by unprotected persons until concentration of chloropicrin is determined to be less than 0.1 ppm.

**DISPOSAL:**

Do not contaminate water, food, or feed by storage or disposal. Pesticide 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 EPA Regional Office for guidance.

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**GENERAL INSTRUCTIONS**

THIS FUMIGANT IS A HIGHLY HAZARDOUS MATERIAL AND SHOULD BE USED ONLY BY INDIVIDUALS TRAINED IN ITS PROPER USE. BEFORE USING, READ AND FOLLOW ALL LABEL PRECAUTIONS AND DIRECTIONS. ALL PERSONS WORKING WITH THIS FUMIGANT MUST BE INFORMED ABOUT THE HAZARDS, AND TRAINED IN THE USE OF REQUIRED RESPIRATOR EQUIPMENT AND DETECTOR DEVICES, EMERGENCY PROCEDURES, AND PROPER USE OF THE FUMIGANT.

**NOTE TO USERS**

- CARCIN HAZARD WARNING STATEMENT:** The use of this product may be hazardous to your health. This product contains 1,3-dichloropropene which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions and precautions, and by wearing protective clothing specified elsewhere on this label.
- Required clothing and equipment during the handling and application of 1,3-dichloropropene:
  - One-piece coveralls which have long sleeves and long pants constructed of laminated fabric as specified in the WMA/FDA Guide for Commercial Applicators.
  - Liquid-proof hat such as a plastic hard hat with a plastic sweat band.
  - Heavy-duty liquid proof (neoprene/synthetic) work gloves and boots.
- Any article worn while handling 1,3-dichloropropene must be washed before reusing. Immediately remove all clothing which has been drenched or has otherwise absorbed 1,3-dichloropropene from any spill. Dispose of contaminated clothing in a sanitary landfill by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

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**GENERAL INFORMATION**

PIC-CLOS 30 is a prep and soil fumigant for control of soil-borne pests such as wireworms and rootknots, and diseases caused by certain species of Rhizoctonia, Pythium, Fusarium, Phytophthora, and Verticillium. PIC-CLOS 30 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.

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**WARRANTY**

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes 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.

**CONTINUED:**

Use SCBA combination canister respirator for blind, heavy leaking or hot location, observing possible. Allow spilled vermiculite, dry sand, may be disposed of on Y. Do not permit entry around until concentration is less than 0.1 ppm.

Storage or disposal of excess pesticide. Federal law. If these items to label instructions Environmental Control at the nearest EPA

**CAUTIONS**

DO NOT BE USED ONLY BY TRAINED PERSONNEL. READ AND FOLLOW DIRECTIONS WORKING WITH THIS PRODUCT. AND TRAINED IN THE PROPER USE. EMERGENCY

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of this product may be toxic to laboratory animals. Use the use directions and other specifications elsewhere

handling and application wear and long pants covered in the USDA/FSH Guide hat with a plastic sweat (sweat) work gloves and clothing must be washed separately from any other laundry by the manufacturer's instructions

ION

Control of soil-borne pests caused by certain species of fungi and Verticillium wilt. The crops listed below are suitable for planting and rotation

Refer to the chemical name stored on the label for conditions of use. Responsibility for use of this product extends to the user, or under abnormal conditions to seller

**APPLICATION**

Apply PIC-CLOS 30 by means of chisel spaced 12" apart and at a depth of 2" below the soil surface. To seal in fumigant after application drag or cultipack immediately behind chisel, 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-CLOS 30 to areas adjacent to fields where valuable crops are growing or near buildings inhabited by humans or livestock. Apply only where soil temperature at a depth of 4" is 50° or higher. Apply whenever soil conditions are suitable but preferably in late summer, or fall, or in spring up to 2 weeks before planting.

**RECOMMENDED DOSAGES: BROADCAST APPLICATION**

Crop To Be Planted To:	Lbs. Per Acre	Gal. Per Acre
Brassica Sprouts	400 - 600	36 - 54
Cucumbers	500 - 550	45 - 50
Eggplant	500 - 650*	45 - 59
Floral Crops	500 - 650*	45 - 59
Malware	500 - 650*	45 - 59
Nursery Crops	500 - 650*	45 - 59
Onions	500 - 550	45 - 50
Plant & Seed Beds	500 - 550	45 - 50
Radishes	500 - 550	45 - 50
Strawberries	500 - 650*	45 - 59
Sweet Potatoes	275 - 375	25 - 34
Tomatoes	500 - 650*	45 - 59

\* If treated area is covered with a plastic tarpaulin immediately after application, dosage may be reduced by 25%.

**NOTE:**

- Use highest rate on heavy soils such as clay or silt and lowest rate on light sandy soils.
- Use highest rate for cyst-forming nematodes and Verticillium wilt control.
- Row or bed applications may be made at the broadcast rates but the amount used will be proportionately less per acre depending on the row spacing and width of treatment in the row or bed.

**FIELD REENTRY**

Workers entering the treated area for 72 hours after the application of 1.3-dichloropropene must wear protective clothing.

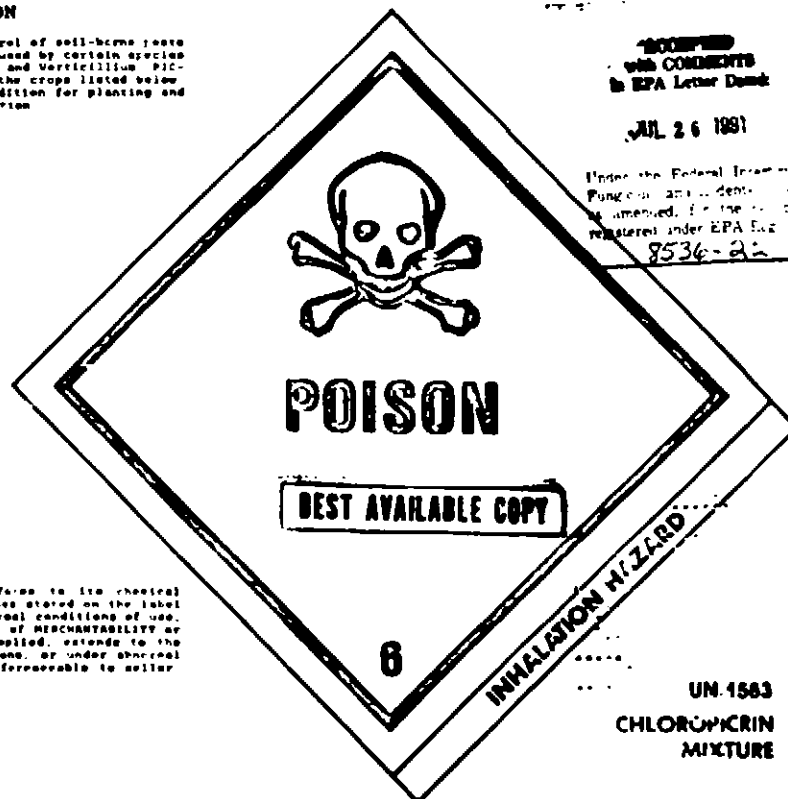
**EXPOSURE AND AERATION**

After application leave the soil undisturbed for 14 to 21 days until 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 occurs 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. This usually occurs by 14 days after application.

RECORDED with COMMENTS in EPA Letter Docket

JUL 26 1981

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide is registered under EPA Reg. No. 8534-22



UN 1583  
CHLOROPICRIN  
MIXTURE