

174
550-115
1-11-88

AGRICULTURAL CHEMICAL
Do not ship or store with food, feeds, drugs or clothing.

05004009

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

DANGER POISON PELIGRO

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wild life. Keep out of streams, ponds, rivers, lakes, streams, water courses, and other aquatic environments.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wild life. Keep out of streams, ponds, rivers, lakes, streams, water courses, and other aquatic environments.

PHYSICAL HAZARDS: Contents under pressure, unless otherwise indicated. Do not use if the canister is damaged, leaking, or otherwise defective. Do not use if the temperature is above 130°F in any use building.

CHEMICAL HAZARDS: Do not use if the container is damaged, leaking, or otherwise defective.

DIRECTIONS FOR USE

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

To be applied only by or under the supervision of pest control operators or other trained personnel responsible for pest control programs.

NOTICE TO BUYER/USER: State and/or local laws and regulations restrict the use of the material in many localities. Consult local pesticide authorities for regulations restricting your proposed usage. Comply with laws and regulations.

STORAGE & DISPOSAL

STORAGE AND HANDLING: Store in a 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 containers only in a well-ventilated area wearing protective clothing and respiratory protection if necessary.

Store cylinders upright, secured to a rack or wall to prevent tipping. Cylinders should not be subjected to rough handling or mechanical shock such as dropping, bumping, dragging, or sliding. Do not use rope slings, hooks, lings or similar devices to unload cylinders. Transport cylinders using hand truck, fork truck or other device to which the cylinder can be firmly secured.

Do not remove valve protection bonnet and safety cap until immediately before use. Replace safety cap and valve protection bonnet when cylinder is not in use.

When cylinder is empty, close valve, screw safety cap onto valve outlet, and replace protection bonnet before returning to shipper. Only the registrant is authorized to refill cylinders. Do not use cylinders for any other purpose. Follow registrant's instructions for return of empty or partially empty cylinders.

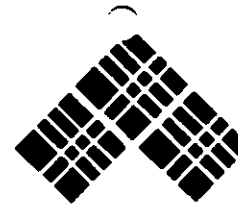
DISPOSAL: Do not contaminate water, food, or feed by disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

SPILL AND LEAK PROCEDURES: Evaluate immediate area of spill or leak. Applying water to spills of this product complicates detection of spilled material and increases evaporation time. Use SCBA or combination air-supplied SCBA respirator for entry into affected area to correct problems. **Move leaking or damaged cylinders outdoors or to an isolated location, observing strict safety precautions. Work upwind if possible. Allow spill to evaporate; boiling point of chloropicrin is 212°F. Do not use highly flammable, oily, or other similar absorbent materials, which shall be disposed of according to DISPOSAL directions above. The use of petroleum solvents may aid in the clean-up of spilled product. Do not permit entry into spill area or clean-up area by unprotected persons until concentration of chloropicrin is determined to be less than 0.1 ppm.**

See attached pamphlet for additional directions and precautions.

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL OR THE USE OF THIS PRODUCT OTHER THAN INDICATED ON THE LABEL. BUYER ASSUMES ALL RISK OF USE AND OR HANDLING OF THIS MATERIAL WHEN SUCH USE OR HANDLING IS CONTRARY TO LABEL INSTRUCTIONS

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



NAMCO®

Chloropicrin

ACCEPTED
550-115
26 AUG 1988
UNDER THE FEDERAL INSECTICIDE ACT
EPA REG. NO. 550-115-AA
SUBJECT TO ATTACHED COMMENTS

For controlling certain soil-borne insects and odorizing structural fumigable

ACTIVE INGREDIENT: Chloropicrin 99%
INERT INGREDIENTS: 1%

KEEP OUT OF REACH OF CHILDREN

DANGER POISON PELIGRO

PRECAUTIONAL USUARIO: Si usted no lee Inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT: FIRST AID

In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.

If inhaled: Get person out of area immediately. Administer first aid. Make sure person is breathing freely. If breathing is not good, give artificial respiration. Preferably use a self-contained breathing apparatus. Do not use mouth-to-mouth respiration.

If on skin: Immediately remove contaminated clothing, shoes, jewelry, and any special items worn. Wash contaminated skin areas thoroughly with soap and water.

If in eyes: Flush eyes with water for at least 15 minutes. Get medical attention.

NOTE TO PHYSICIAN: Chloropicrin is a powerful irritant. Other than the active ingredient in this gas, there are no known toxic substances in this formulation. If overexposure are indicated, in respiratory distress and/or other symptoms, medical attention should be given. Treatment is symptomatic.

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Packaged by
Van Waters & Rogers Inc
subsidiary of **Univar**
Seattle, WA 98144

(rev. 5/88)

EPA Reg. No. 550-115-AA
EPA Est. No. 550-CA-1

174

For controlling certain soil-borne insects and diseases and
odorizing structural fumigants

ACTIVE INGREDIENT: Chloropicrin 99%
INERT INGREDIENTS: 1%

KEEP OUT OF REACH OF CHILDREN

ANGER POISON PELIGRO

PRECAUTION AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT: FIRST AID
In all cases of overexposure, get medical attention immediately. Take person to a doctor or emergency treatment facility.

If inhaled: Get exposed person to fresh air. Keep warm. Make sure person can breathe freely. If breathing has stopped, give artificial respiration, preferably by mouth-to-mouth respiration. Do not use any thing in mouth for an unconscious person.

If on skin: Immediately remove contaminated clothing, shoes, jewelry, and any other accessories. Wash thoroughly with soap and water. Wash with soap and water.

If in eyes: Hold eyelids open and flush with copious quantities of water for at least 15 minutes.

NOTE TO PHYSICIAN: This product is a soil fumigant. The active ingredient in this product is a gas. It is a powerful irritant. Early symptoms of overexposure are irritation of the respiratory tract and conjunctivitis. In many instances, development of treatment is symptomatic.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

Exposure to this product may cause irritation of the eyes, nose, and throat. Irritation of the eyes may be severe. Irritation of the respiratory tract may cause pain. Irritation of the eyes, nose, and throat may be severe. Irritation of the respiratory tract may be severe. Irritation of the eyes, nose, and throat may be severe.

ENVIRONMENTAL HAZARDS: This product is highly toxic to fish and aquatic life. It is also toxic to birds and mammals. It is highly toxic to bees and other beneficial insects. It is highly toxic to plants and animals.

PHYSICAL HAZARDS: Contents under pressure. Avoid contact with heat. Do not store near heat or open flame. Do not puncture or incinerate containers. Exposure to temperatures above 140°F may cause bursting.

CHEMICAL HAZARDS: Do not use in confined spaces. Do not use in areas where there are people or animals.



Packaged by
Van Waters & Rogers Inc.
subsidiary of **Univar**
Seattle, WA 98104

05056240 (rev. 5/88) EPA Reg. No. 550-115-AA

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.
To be applied only by or under the supervision of pest control operators or other trained personnel responsible for pest control programs.

STORAGE & DISPOSAL

STORAGE AND HANDLING: Store in a dry, cool, well-ventilated area, upright 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 containers only in a well-ventilated area wearing protective clothing and respiratory protection, if necessary.

Store cylinders upright, secured to a rack or wall to prevent tipping. Cylinders should not be subjected to rough handling or mechanical shock such as dropping, bumping, dragging, or sliding. Do not use rope, slings, hooks, tongs or similar devices to unload cylinders. Transport cylinders using hand trucks, forklifts or other device to which the cylinders will be firmly secured.

Do not remove valve protection bonnet and safety cap until immediately before use. Replace safety cap and valve protection bonnet when cylinder is not in use.

When cylinder is empty, close valve, screw safety cap onto valve outlet, and replace protection bonnet before returning to supplier. Only the registrant's authorized representatives may use cylinders for any other purpose. Follow registrant's instructions for return of empty or partially empty cylinders.

DISPOSAL: Do not contaminate water, food, or feed by disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or empty container 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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STORAGE & DISPOSAL (continued)

SPILL AND LEAK PROCEDURES: Evacuate immediate area of spill or leak. Applying water to spills of this product complicates detection of spilled material and increases evaporation time. Use SCBA or combination air-supplied SCBA respirator for entry into affected area to correct problems. Move leaking or damaged cylinders outdoors or to an isolated location, observing strict safety precautions. Work upwind if possible. Allow spill to evaporate, boiling point of chloropicrin is +212°F, or absorb onto vermiculite, dry sand, earth or similar absorbent material, which shall be disposed of according to DISPOSAL directions below. The use of petroleum solvents may aid in the clean-up of spilled product. Do not permit entry into spill area or clean-up area by unprotected persons until concentration of chloropicrin is determined to be less than 0.1 ppm.

Conditions of Sale and Warranty

The Directions for Use of this product are the only instructions which should be followed. The manufacturer is not responsible for any damage to property or persons caused by the use of this product in violation of the Directions for Use. The manufacturer is not responsible for any damage to property or persons caused by the use of this product in violation of the Directions for Use. The manufacturer is not responsible for any damage to property or persons caused by the use of this product in violation of the Directions for Use.

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL OR THE USE OF THIS PRODUCT OTHER THAN INDICATED ON THE LABEL. BUYER ASSUMES ALL RISK OF USE AND/OR HANDLING OF THIS MATERIAL WHEN SUCH USE OR HANDLING IS CONTRARY TO LABEL INSTRUCTIONS.

NOTICE TO BUYER/USER: State and/or local laws and regulations restrict the use of the material in many localities. Consult local pesticide authorities for regulations restricting your proposed usage. Comply with laws and regulations.

GENERAL PRECAUTIONS

The 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 should be knowledgeable about the hazards, and trained in the use of required respirator equipment and detector devices, emergency procedures, and proper use of the fumigant.

This product is to be used as a soil fumigant, including use in greenhouses, or as an odorizing agent in conjunction with a registered structural fumigant. Do not use in sites which may be used for the storage or transportation of food- or feed stuffs.

When used for fumigation of enclosed places - greenhouses - two persons trained in the use of this material be present at all times during the introduction of the fumigant, testing and aeration periods.

Do not fumigate with this product when temperature is below 50°F.

Protective Clothing

Wear full body clothing that is cleaned after each wearing or disposable clothing. Use gloves and an apron that are resistant to chloropicrin. If full face respiratory protection is not required, wear a full face shield for eye protection when handling liquid. After exposure, immediately remove any contaminated clothing, shoes and socks. Do not reuse contaminated clothing until thoroughly decontaminated by airing and washing. Contaminated shoes cannot be adequately decontaminated and should be discarded properly.

Respiratory Protection

When entering an area containing chloropicrin in the working area, an individual should wear a minimum of a full face respirator with a canister or cartridge which is specifically designed for the protection against chloropicrin vapors and use directions.

When working in an enclosed area, use a person in the fumigant in a self-contained breathing apparatus (SCBA) or a full face respirator with a canister or cartridge which is specifically designed for the protection against chloropicrin vapors and use directions.

Placarding of Fumigated Area

The placard shall be placed in a conspicuous location in the treated area with the following information:

- 1. The words "DANGER PESTICIDE" and "NO ENTRY"
- 2. The fumigant: Area under fumigation, DO NOT ENTER NO ENTREE
- 3. The date of fumigation
- 4. Name of the applicator
- 5. Name and telephone number of the applicator

Only a certified applicator may remove placards, and only when the concentration of chloropicrin in the treated site is below 0.1 ppm.

Aeration and Re-Entry

After fumigation is completed, aeration should be started immediately. Aeration should be continued until the concentration of chloropicrin in the treated area is below 0.1 ppm. Aeration should be continued until the concentration of chloropicrin in the treated area is below 0.1 ppm.

SOIL TREATMENT

Chloropicrin is a water-soluble product. It will be applied to the soil in the form of a liquid. It will be applied to the soil in the form of a liquid. It will be applied to the soil in the form of a liquid.

Soil Preparation: The soil should be prepared by tilling to a depth of 6 inches. The soil should be prepared by tilling to a depth of 6 inches. The soil should be prepared by tilling to a depth of 6 inches.

Application: Apply the product to the soil in the form of a liquid. Apply the product to the soil in the form of a liquid. Apply the product to the soil in the form of a liquid.

Recommended Dosages

For Application to	Method of Sealing	Pounds of Fumigant Per Acre
Lawns, ornamental plant	Waterproof plastic	40
Vegetable gardens and	Waterproof plastic	40
Regarded vegetable fields	Waterproof plastic	40
Ornamental plant	Waterproof plastic	40

USE PRECAUTIONS

1. Do not use in areas where children or animals are present. 2. Do not use in areas where food or feed is stored. 3. Do not use in areas where people are working. 4. Do not use in areas where people are sleeping. 5. Do not use in areas where people are eating. 6. Do not use in areas where people are drinking. 7. Do not use in areas where people are smoking. 8. Do not use in areas where people are talking. 9. Do not use in areas where people are laughing. 10. Do not use in areas where people are crying.

11. Do not use in areas where people are playing. 12. Do not use in areas where people are working. 13. Do not use in areas where people are sleeping. 14. Do not use in areas where people are eating. 15. Do not use in areas where people are drinking. 16. Do not use in areas where people are smoking. 17. Do not use in areas where people are talking. 18. Do not use in areas where people are laughing. 19. Do not use in areas where people are crying. 20. Do not use in areas where people are playing.

USING NAMCO CHLOROPICRIN AS AN ODORIZING AGENT

After preparing the structure for fumigation and sealing, except for one entrance, place a handful of cotton in a shallow dish and set the dish in the air-stream of an electric fan. Pour the chloropicrin over the cotton. Use 1 ounce per 10,000 to 15,000 cubic feet of space to be fumigated. Seal the last opening to the building and start the fan. Check for leaks 5 to 10 minutes after produce the fumigant.

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PRODUCT BULLETIN

ACCEPTED
 NAMCO Chloropicrin
 26 AUG 1988
 UNDER THE FEDERAL INSECTICIDE
 FUNGICIDE AND ROENTGENIDE ACT
 FOR ECONOMIC PEST CONTROL
 LE. ORDER NO. 854-715
 TO ATTACHED COMPLETION

EPA Reg. No. 550-115

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

- Alaska**
Anchorage (907) 272-8507
- Arizona**
Phoenix (602) 272-3272
Tucson (602) 747-8717
- California**
Fresno (209) 486-1221
Los Angeles (213) 265-8482
Oxnard (805) 983-1868
Sacramento (916) 371-7800
San Bernardino (714) 889-3506
San Diego (619) 282-0711
San Jose (408) 435-8700
- Colorado**
Denver (303) 388-5651
- Florida**
Dayton Beach (305) 243-0001
(800) 251-3334
Orlando (305) 843-2611
(800) 826-2611
Tampa (813) 621-5507
(800) 282-5388
- Georgia**
Atlanta (404) 441-3584
- Hawaii**
Honolulu (808) 836-1361
- Idaho**
Boise (208) 466-7006
Pocatello (208) 233-7069
- Indiana**
Indianapolis (317) 547-4811
- Louisiana**
New Iberia (318) 365-0023
New Orleans (504) 733-8885
- Montana**
Billings (406) 252-6651
- Nebraska**
Omaha (402) 723-3266
- Nevada**
Las Vegas (702) 736-7066
Sparks (702) 331-3370
- New Mexico**
Albuquerque (505) 842-6303
- Oklahoma**
Tulsa (918) 587-8135
- Oregon**
Eugene (503) 342-5544
Portland (503) 222-1721
- Texas**
Beaumont (713) 835-3426
Corpus Christi (512) 888-6043
Dallas (214) 340-7300
El Paso (915) 778-4225
Fort Worth (817) 625-5541
Houston (713) 644-1601
Odessa (915) 366-2343
San Antonio (512) 656-9186
- Utah**
Salt Lake City (801) 328-1112
- Washington**
Ae It (206) 872-5000
Pasco (509) 545-8401
Spokane (509) 534-0405

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

NAMCO Chloropicrin is useful for eliminating wood-decaying fungi and woodboring insects from the interior of structural wood products such as utility poles, piles and timbers in bridges

Consult the table below for the recommended dosage and the number and size of holes

Hole Diameter (Inches)	Total length* (Inches)	Holes for poles with circumferences:		
		Less than 32 in. (3/4 pint)	32-45 in. (1 pint)	More than 45 in. (2 pints)
5/8	15	6	-	-
	18	5	-	-
3/4	15	4	6	-
	18	-	5	-
	21	-	4	-
	24	-	3	6
7/8	21	-	3	5
	24	-	-	4

*Effective length of holes is 3 inches less to allow for a 3-inch treated plug

When drilling the holes, start at the groundline. Drill the hole directly toward the center of the pole at a steep downward angle that will avoid going through the pole or through seasoning checks where much of the fumigant could be lost. If the hole intersects a check, plug that hole and drill another. Equally space the remaining holes around the pole upwards in a spiral pattern with a vertical distance of 6-12 inches between holes. If more than two treating holes intersect an internal void or rot pocket, re-drill the holes further up the pole into relatively solid wood where the fumigant will gradually volatilize and move through the wood. Much of the fumigant placed in rot pockets will be lost through connecting seasoning checks. Where a rot pocket is above the groundline, drill holes in solid wood below the pocket as well as above.

Wearing protective clothing and gear, and standing upwind, slowly inject the fumigant into the lowest hole first. Distribute the prescribed amount of chloropicrin equally among the holes leaving space in each hole for the plug. Insert a tight-fitting treated plug, preferably of Douglas-fir or other wood of low permeability. Drive the plug in carefully so the fumigant does not squirt from the hole. Working up the pole, fill and plug the other holes.

Repeat as indicated, or about every 10 years

REFER TO THE PRODUCT LABEL FOR ADDITIONAL DIRECTIONS AND PRECAUTIONS

—OBSERVE THESE CAREFULLY—

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