



Reg. # 8853-4

PM-32

file 13 14

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

NOV 21 1994

DOUGLAS V. CURTIS
HEMDRIX AND DAIL, INC
803 INDUSTRIAL BLVD.
GREENVILLE, N.C. 27835

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 7/8/94 in Response to PR Notice 93-7 EPA
Reg. No. 8853-4
HD-PIC FUMIGANT

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Carota Ink on paper that
contains at least 50% recycled fiber

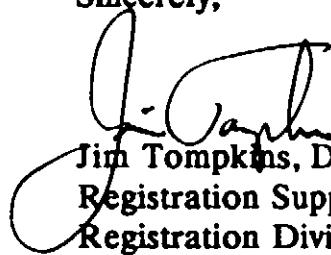
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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

DANGER PELIGRO

Poisonous liquid and vapor. Inhalation may be fatal. Chloropicrin is readily unidentifiable by smell. Exposure to very low concentrations of vapor will cause irritation to eyes, nose, and throat. Continued exposure after irritation is evident or high concentrations may cause chemical burns to skin or eyes. Do not get on skin, in eyes, or on clothing. Harmful or fatal if swallowed.

THIS PRODUCT CONTAINS CHLOROPICRIN WHICH MAY BE IRRITATING TO THE UPPER RESPIRATORY TRACT, AND EVEN AT LOW LEVELS CAN CAUSE PAINFUL IRRITATION TO THE EYES, PRODUCING TEARING. IF THESE SYMPTOMS OCCUR, LEAVE THE FUMIGATION AREA IMMEDIATELY. EARLY SYMPTOMS OF CHLOROPICRIN OVEREXPOSURE ARE LACHRYMATION, RESPIRATORY DISTRESS AND VOMITING.

AIR CONCENTRATION LEVEL

The acceptable air concentration level for persons exposed to chloropicrin is 0.1 ppm (0.7 mg/m³). The air concentration level is measured by a direct reading detection device, such as a Matheson-Kitagawa.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:
Loose-fitting or well ventilated long sleeved shirts and long pants
Shoes and Socks
Full-face 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 methyl bromide 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 prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC23C) OR (b) a respirator canister approved for pesticides (MSHA/NIOSH 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-air respirator (MSHA/NIOSH approval prefix TX-19C) OR (b) a self-contained breathing apparatus (MSHA/NIOSH approval number prefix TC-13F)

SAFETY REQUIREMENTS

1. Do not wear jewelry, gloves, goggles, tight clothing, rubber protective clothing or rubber boots 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 socks and do not reuse until thoroughly aerated or ventilated. Keep such clothing and shoes outdoors until thoroughly aerated. Then follow the PPE manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE and work clothing separately from other laundry.
4. Follow PPE manufacturer's instructions for cleaning/maintaining protective eyewear, face shields, and regulators.

USER SAFETY RECOMMENDATIONS

- Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 - Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**RESTRICTED USE PESTICIDES
DUE TO ACUTE TOXICITY**

For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the product label certification.

HD-PIC FUMIGANT

Active Ingredients
Chloropicrin
Inert Ingredients

**FOR CONTROL OF CEFALOSPORIN
SOIL-BORNE PESTS
AND DISEASES**

KEEP OUT OF REACH OF CHILDREN

DANGER



PE

POISON

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 AN EMERGENCY TREATMENT CENTER.

STATEMENT OF PRACTICAL FIRST AID TREATMENT

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

IF INHALED: Get exposed person to fresh air. Keep person calm and at rest. If breathing has stopped, artificial respiration, preferably mouth-to-mouth. Do not give anything by mouth to an unconscious person.

IF ON SKIN: Immediately remove contaminated clothing, shoes, and items covering skin. Wash contaminated skin area thoroughly with water.

IF IN EYES: Hold eyelids open and flush with a steady stream of water for at least 15 minutes.

Do not induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Chloropicrin is a volatile liquid. It is a powerful lachrymator. As a gas it is a powerful lachrymator. Symptoms of overexposure are lachrymation, respiratory distress, and coughing. Treatment is symptomatic.

BEST AVAILABLE COPY

applicators and other handlers must wear (a) a respirator with an organic-vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC23C) OR (b) a respirator canister approved for pesticides (MSHA/NIOSH 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-air respirator (MSHA/NIOSH approval prefix TX-19C) OR (b) a self-contained breathing apparatus (MSHA/NIOSH approval number prefix TC-13F)

SAFETY REQUIREMENTS

1. Do not wear jewelry, gloves, goggles, light clothing, rubber protective clothing or rubber boots 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 socks and do not reuse until thoroughly aerated or ventilated. Keep such clothing and shoes outdoors until thoroughly aerated. Then follow the PPE manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE and work clothing separately from other laundry.
4. Follow PPE manufacturer's instructions for cleaning /maintaining protective eyewear, face shields, and regulators.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a 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.

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 knowledgeable about the hazards and trained in the proper use of required equipment and detector devices, emergency procedures and proper use of the fumigant. When used for fumigation of enclosed spaces (house and other structures, warehouses, vaults, chambers, greenhouses, trucks, vans, boxcars, ships, and other transport vehicles, two persons trained in the use of this product must be present at all times during the introduction of the fumigant, testing and aeration periods.

Do not fumigate with this product when the temperature is below 40° F.

PLACARDING OF FUMIGATED AREAS

The applicator (or supervisor of the application) must placard all entrances to the fumigated area with signs bearing:

- Skull and Crossbones
- DANGER/PELIGRO
- Area under fumigation, DO NOT ENTER/NO ENTREE.
- Chloropicrin Fumigant in use,
- the date and time of fumigation, and
- name, address and telephone number of the applicator.

Do not allow entry by unprotected persons into the fumigated area until signs are removed. Such signs must only be removed when the air concentration level of chloropicrin is to be less than 0.1 ppm. Signs must remain legible during the entire posting period. Only a certified applicator (or someone under his/her supervision) may remove warning signs at entrances to fumigated structures.

POISON 4911

Si Usted no entiende la etiqueta, busque a alguien para se 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 HOSPITAL OR TO AN EMERGENCY TREATMENT FACILITY.

STATEMENT OF PRACTICE FOR FIRST AID TREATMENT

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

IF INHALED: Get exposed person to fresh air. Keep warm and person can breathe freely. If breathing has stopped, give artificial respiration, preferably mouth-to-mouth. Do not give anything by mouth to an unconscious person.

IF ON SKIN: Immediately remove contaminated clothing, shoes, and items covering 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.

Do not induce vomiting. Call a physician immediately. Control Center immediately. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Chloropicrin is a volatile liquid that vaporizes to a gas. As a gas it is a powerful lachrymator. Effects of overexposure are lachrymation, respiratory distress and pulmonary edema may develop later. Treatment is symptomatic.

See Side Panel For Additional Precautionary Statements



HENDRIX and DAHL

TELEPHONE (919) 758-4263

803

GREENVILLE, NORTH CAROLINA 27602

NET CONTENTS: Pounds

E.P.A est.

E.P.A. REGISTRATION

No. 8853-4

8853

8853

8853

8853

8853

CHLOROPICRIN LIQUID
WEIGHT: 13.7 POUNDS PER GALLON

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 21 1994

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

8853-4

RESTRICTED USE PESTICIDE DUE TO ACUTE TOXICITY

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.

HD-PIG FUMIGANT

Active Ingredients	By Weight
Chloropicrin	96.6%
Inert Ingredients.....	3.6%
Total 100.0%	

FOR CONTROL OF CERTAIN SOIL-BORNE PESTS AND DISEASES

KEEP OUT OF REACH OF CHILDREN

DANGER



PELIGRO

POISON

Si Usted no entiende la etiqueta, busque a alguien para 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 TO AN EMERGENCY TREATMENT FACILITY

STATEMENT OF PRACTICAL TREATMENT

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 mouth-to-mouth. Do not give anything by mouth to an unconscious person.

IF ON SKIN: Immediately remove contaminated clothing, shoes, and other items covering 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.

Do not induce vomiting. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

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.

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS (CONTINUED)

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and Protection Standard, 40 CFR 170. This Standard contains the protection of agricultural workers on farms, forests, greenhouses, and handlers of agricultural pesticide requirements for training, decontamination, notification, assistance. It also contains specific instructions and excels to the statements in this labeling about personal protective restricted-entry intervals, and notification to workers. The this box only apply to uses of this product that are covered Protection Standard (WPS).

No instructions elsewhere on this labeling relieve complying with the requirements of the WPS.

ENTRY RESTRICTIONS

Outdoor Soil Fumigation: Entry (including early entry otherwise be permitted under the WPS) by any person correctly trained and equipped handler who is performing permitted on this labeling - is PROHIBITED from the start to 48 hours after application. In addition, if tarps are used for non-handler entry is prohibited while tarps are being removed.

NOTIFICATION: Notify workers of the application by verbal and by posting fumigant warning signs, as described in the "Fumigated Areas" section of this labeling. Post the fumigant instead of the WPS sign for this application, but follow all WPS pertaining to location, legibility, size, and timing of posting.

Outdoor Soil Fumigation: Post the fumigant warning sign to treated areas.

PPE FOR ENTRY DURING THE ENTRY-RESTRICTED PERIOD: Entry that is permitted by this labeling is listed in the "Hazardous Materials and Domestic Animals" section of this labeling.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry, place, well-ventilated area away from food. Post as a pesticide storage area. Do not contaminate feed by storage or disposal. Persons moving, handling, or disposing containers must wear the personal protective equipment (including respirator) specified in the Hazards to Humans section of this labeling in well-ventilated area.

DISPOSAL: Close by turning clockwise until had tight. Tighten and replace safety caps and bonnet.

RETURN OF CYLINDERS

Cylinders are the property of:

HENDRIX AND DAIL, INC.
803 Industrial Blvd.
Greenville, North Carolina 27834
(919) 758-4263

and should be returned promptly by collect truck freight from which shipment was made. When a cylinder is partially empty, there is no further requirement for the product, contact HENDRIX for return instructions. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of this labeling. These wastes cannot be disposed of by use according to the labeling. Contact your State Pesticide or Environmental Control Hazardous Waste representative at the nearest EPA Regional Office for guidance.

SHIPPING

This fumigant is classified in the U.S. Department of Transportation Regulations as Chloropicrin, 6.1, UN 1580, Inhalation hazard, Hazard Zone B and no exemptions from special handling, marking, or labeling are allowed. Describe empty cylinders as containing Chloropicrin (Inhalation Hazard). Do not use for food, or clothing.

WARRANTY DISCLAIMER

NOTICE: Seller warrants that this product conforms to the labeling on the label and is reasonably fit for the purposes stated.

Si Usted no entiende la etiqueta, busque a alguien para 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 TO AN EMERGENCY TREATMENT FACILITY

STATEMENT OF PRACTICAL TREATMENT

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

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Do not induce vomiting. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

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.



HENDRIX and DAIL, Inc.

TELEPHONE (919) 758-4263 803 INDUSTRIAL BLVD.
GREENVILLE, NORTH CAROLINA 27834

NET CONTENTS: Pounds

E.P.A est.

E.P.A. REGISTRATION
No. 8853-4

8853- FL - 1 | |
8853- GA - 1 | |
8853- NC - 1 | |
8853- KY - 2 | |
8853- NC - 2 | |

CHLOROPICRIN LIQUID
WEIGHT: 13.7 POUNDS PER GALLON

ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 21 1994

HD 7-94

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

8853-4

and replace safety caps and bonnet.

RETURN OF CYLINDERS

6 714

Cylinders are the property of:

HENDRIX AND DAIL, INC.
803 Industrial Blvd.
Greenville, North Carolina 27834
(919) 758-4263

and should be returned promptly by collect truck freight to the location from which shipment was made. When a cylinder is partially full and there is no further requirement for the product, contact HENDRIX AND DAIL, INC. for return instructions. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. 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.

SHIPPING

This fumigant is classified in the U.S. Department of Transportation Hazardous Materials Regulations as Chloropicrin, 6.1, UN 1580, Poison-Inhalation hazard, Hazard Zone B and no exemptions from specifications, packaging, marking, or labeling are allowed. Describe empty cylinders as having last contained Chloropicrin (Inhalation Hazard). Do not ship with food, feeds, or clothing.

WARRANTY DISCLAIMER

NOTICE: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label used in accordance with directions under normal conditions of use, but this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR 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 use.

INHERENT RISKS OF USE: It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label and label booklet instructions (including conditions not on the label and label booklet, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, torn hurricanes), presence of other materials, the manner of application, all of which are beyond the control of the company or the seller. All such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES: The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at the company's option, one of the following: (1) Refund of purchase price paid by buyer or user of product bought; or, (2) Replacement of amount of product used. The company shall not be liable for losses or damages resulting from handling or use of product unless the company is promptly notified of such loss or damage in writing. In no case shall the company be liable for consequential or incidental damages or losses. The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal state or local agreements. No employee or sales agent of the company or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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7-9 14

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling 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 pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements in this labeling 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.

ENTRY RESTRICTIONS

Outdoor Soil Fumigation: 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 labeling -- is PROHIBITED from the start of application until 48 hours after application. In addition, if tarps 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 fumigant warning signs, as described in the "Placarding of Fumigated Areas" section of this labeling. Post the fumigant warning sign instead of the WPS sign for this application, but follow all WPS requirements pertaining to location, legibility, size, and timing of posting and removal.

Outdoor Soil Fumigation: Post the fumigant warning signs at entrances to treated areas.

PPE FOR ENTRY DURING THE 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.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry, place, well-ventilated area under lock and key. Post as a pesticide storage area. 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 labeling. Open containers only in well-ventilated area.

DISPOSAL: Close by turning clockwise until had tight. Disconnect lines and replace safety caps and bonnet.

RETURN OF CYLINDERS

Cylinders are the property of:

HENDRIX AND DAIL, INC.
803 Industrial Blvd.
Greenville, North Carolina 27834
(919) 758-4263

and should be returned promptly by collect truck freight to the location from which shipment was made. When a cylinder is partially full and there is no further requirement for the product, contact HENDRIX AND DAIL, INC. for return instructions. 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.

SHIPPING

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

WARRANTY DISCLAIMER

NOTICE: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when

HD-PIC DOSAGE RATES AND METHODS OF APPLICATION

Crop	Manner of Sealing	Dose
All crops (including greenhouse, nursery, and outside beds)	Cultipacking or water seal	485-10
	Plastic (A)	250-32
Greenhouse beds	Plastic (A)	3-4 cc/
Mushroom casing soil	Water plus plastic or wet newspaper	5-10 cc
Potting soil	Water or plastic (A)	3-4 cc/
Seedbeds-Celery (Florida)	Water or plastic (A)	1021 lb 6 cc/sq
Seedbeds (Other)	Water or plastic (A)	3-4 cch
Seed flats	Plastic (A)	2-4 cch 10 cc/ci

(A) Best results are obtained by covering beds with a tarpaulin or plastic cover for 24 1 treatment. A water seal maintained for 24 hours in top inch of soil may also be used. Keep to potting soil and seed flats for 24 hours.

APPLICATION INFORMATION: For best results with HD-PIC, soil should be tilled to a fine, loose condition with the soil temperature at the application preferably between 60° F. and 85° F. Soil should contain a moisture to support good seed germination. Chisel or plow sole application should be in uniform streams 10 to 12 inches apart and 6 to 8 inches the soil surface. When the plow sole method is used, disc well to insure the seal by rolling or cultipacking. With chisel application cultipacker or float can follow the chisel bar or these can be put another closely following tractor.

The soil should not be disturbed for 14 days following treatment. At the end of the exposure period, allow the soil to aerate completely. Heavy rain retard diffusion of the fumigant, thus requiring a longer exposure. Should these conditions occur, hasten aeration by working the soil to the depth of the treatment zone. Avoid reinfestation of treated soil with contaminated tools, equipment, transplants, manure or composts.

Fumigation of small volumes of soil for seed flats, potting soil, or mushroom casing soil may be made by injecting the proper volume of HD-PIC inches deep in a grid pattern not to exceed 12-inch spacing. Keep to on fumigated soil for 24 hours.

WARNING AGENT: HD-PIC may be used for cleaning structures by fumigating with methyl bromide or sulfur dioxide. Prepare structure for fumigation and seal all except one entrance. Use 1 ounce per 10,000 feet of space to be fumigated. When building is evacuated, seal the entrance and start the fans. Check seals for tightness. Five to ten minutes later, introduce methyl bromide or sulfur dioxide.

SOIL FUMIGATION: HD-PIC may be used as a preplant soil fumigant for control of soil-borne diseases such as *Verticillium*, *Fusarium*, *Rhizoctonia* and *Pythium*. Control of soil-borne grubs, wireworms, nematodes and grass seeds may also be obtained.

AFTER FUMIGATION

Keep pets, livestock, and other domestic animals out of the treated area during application, during the exposure period as specified for application in Directions for Use, and during removal of tarpaulin, if used.

After fumigation, fumigated areas must be aerated until the air concentration 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 the fumigated area unless he/she 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.

Two trained persons must be present during removal of the tarpaulin.

BEST AVAILABLE COPY

and replace safety caps and bonnet.

RETURN OF CYLINDERS

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803 Industrial Blvd.
Greenville, North Carolina 27834
(919) 758-4263

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SHIPPING

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

later, introduce methyl bromide or sulfuryl fluoride.

8/14

SOIL FUMIGATION: HD-PIC may be used as a preplant soil fumigant control of soil-borne diseases such as *Verticillium*, *Fusarium*, *Rhiz*, and *Pythium*. Control of soil-borne grubs, wireworms, nematodes and grass seeds may also be obtained.

AFTER FUMIGATION

Keep pets, livestock, and other domestic animals out of the treated area during application, during the exposure period as specified for application in Directions for Use, and during removal of tarpaulin, if used.

After fumigation, fumigated 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 the fumigated area unless he/she is wearing the specified personal protective equipment (including prescribed respirator) specified in the Hazards to Humans section of this labeling. In greenhouses, add Worker Protection Standard restrictions apply.

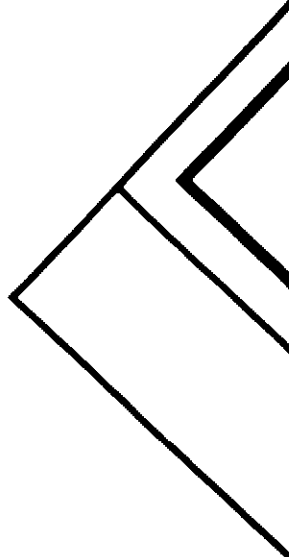
Two trained persons must be present during removal of the tarpaulin.

WARRANTY DISCLAIMER

NOTICE: Seller warrants that this product conforms to the chemical description on the label 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.

INHERENT RISKS OF USE: It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label and label booklet instructions (including conditions noted on the label and label booklet, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, all of which are beyond the control of the company or the seller. All such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES: The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at the company's election, one of the following: (1) Refund of purchase price paid by buyer or user for product bought or, (2) Replacement of amount of product used. The company shall not be liable for losses or damages resulting from handling or use of this product unless the company is promptly notified of such loss or damage in writing. In no case shall the company be liable for consequential or incidental damages or losses. The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statement or agreements. No employee or sales agent of the company or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.



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HD-PIC DOSAGE RATES AND METHODS OF APPLICATION		
Crop	Manner of Sealing	Dosage
All crops (including greenhouse, nursery, and outside beds)	Cultipacking or water seal	485-1076 lbs./A
	Plastic (A)	250-320 lbs./A
Greenhouse beds	Plastic (A)	3-4 cc/sq ft
Mushroom casing soil	Water plus plastic or wet newspaper	5-10 cc/cu ft
Potting soil	Water or plastic (A)	3-4 cc/sq ft
Seedbeds-Celery (Florida)	Water or plastic (A)	1021 lbs./A or 6 cc/sq ft.
Seedbeds (Other)	Water or plastic (A)	3-4 cc/sq ft.
Seed flats	Plastic (A)	2-4 cc/sq ft or 10 cc/cu ft

(A) Best results are obtained by covering beds with a tarpaulin or plastic cover for 24 hours after treatment. A water seal maintained for 24 hours in top inch of soil may also be used. Keep tarpaulin on potting soil and seed flats for 24 hours.

APPLICATION INFORMATION: For best results with HD-PIC, soil should be tilled to a fine, loose condition with the soil temperature at the depth of application preferably between 60° F. and 85° F. Soil should contain adequate moisture to support good seed germination. Chisel or plow sole applications should be in uniform streams 10 to 12 inches apart and 6 to 8 inches below the soil surface. When the plow sole method is used, disc well and then insure the seal by rolling or cultipacking. With chisel application a roller, cultipacker or float can follow the chisel bar or these can be pulled by another closely following tractor.

The soil should not be disturbed for 14 days following treatment. At the end of the exposure period, allow the soil to aerate completely. Heavy rains may retard diffusion of the fumigant, thus requiring a longer exposure period. Should these conditions occur, hasten aeration by working the soil to the depth of the treatment zone. Avoid reinfestation of treated soil from contaminated tools, equipment, transplants, manure or composts.

Fumigation of small volumes of soil for seed flats, potting soil, or mushroom casing soil may be made by injecting the proper volume of HD-PIC 6 to 8 inches deep in a grid pattern not to exceed 12-inch spacing. Keep tarpaulin on fumigated soil for 24 hours.

WARNING AGENT: HD-PIC may be used for cleaning structures prior to fumigating with methyl bromide or sulfuryl fluoride. Prepare structure for fumigation and seal all except one entrance. Use 1 ounce per 10,000 cubic feet of space to be fumigated. When building is evacuated, seal the last entrance and start the fans. Check seals for tightness. Five to ten minutes later, introduce methyl bromide or sulfuryl fluoride.

SOIL FUMIGATION: HD-PIC may be used as a preplant soil fumigant for the control of soil-borne diseases such as *Verticillium*, *Fusarium*, *Rhizoctonia* and *Pythium*. Control of soil-borne grubs, wireworms, nematodes, weed and grass seeds may also be obtained.

AFTER FUMIGATION

Keep pets, 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 tarpaulin, if used.

After fumigation, fumigated 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 fumigated area unless he/she 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.

Two trained persons must be present during removal of the tarpaulin.

Spill and Leak Procedures for Soil Fumigation

Evacuate everyone from the immediate area of the spill or leak. For into affected area to correct problem, wear the personal protective equipment (including prescribed respirators) specified in the Hazards to Humans section of this labeling. Move leaking or damaged containers outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow spilled fumigant to evaporate or to be absorbed on vermiculite, 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 PPE-equipped handlers are permitted to perform such cleanup. Do not permit entry into the spill or leak area by any person until the concentration of chloropicrin is measured to be less than 0.1 ppm. Report spill to the National Response Center (800-424-8800) if the reportable quantity of 1000 lbs. is exceeded.

DO NOT SPILL OR DISCHARGE CONTENTS OUTSIDE GROUND COVER

ENVIRONMENTAL HAZARD

This product is toxic to fish and wildlife. Keep out of lakes, streams, ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Open dumping is prohibited. Do not allow HD-PIC or its vapors to come into contact with any desirable living plants. Avoid spilling, dripping, or otherwise contacting HD-PIC with crops in adjacent fields as injury may result. Do not apply HD-PIC where there is little or no air movement or during air inversion conditions.

CHEMICAL HAZARD

HD-PIC may be corrosive under certain conditions. DO NOT USE WATER to clean equipment. Flush equipment with kerosene or fuel oil. Do not handle equipment or containers made from magnesium alloy, aluminum, or alkali metals. HD-PIC is a non-flammable liquid.

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ted no entiende la etiqueta, busque a alguien para se la explique a l en detalle. (If you do not understand the label, find someone to ex- it to you in detail.)

IN ALL CASES OF OVEREXPOSURE, GET MEDICAL TENTION IMMEDIATELY. TAKE PERSON TO A DOCTOR OR TO AN EMERGENCY TREATMENT FACILITY

STATEMENT OF PRACTICAL TREATMENT

Cases of overexposure, get medical attention immediately. Take person to doctor or emergency treatment facility.

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 unconscious person.

ON SKIN: Immediately remove contaminated clothing, shoes, and other items covering skin. Wash contaminated skin area thoroughly with soap and water.

IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes.

Do not induce vomiting. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

SEE YOUR 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. Secondary edema may develop later. Treatment is symptomatic.

See Side Panel For Additional Precautionary Statements.

and replace safety caps and bonnet.

RETURN OF CYLINDERS

10914

Cylinders are the property of:

HENDRIX AND DAIL, INC.
803 Industrial Blvd.
Greenville, North Carolina 27834
(919) 758-4263

and should be returned promptly by collect truck freight to the location from which shipment was made. When a cylinder is partially full and there is no further requirement for the product, contact HENDRIX AND DAIL, INC. for return instructions. 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.

SHIPPING

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

WARRANTY DISCLAIMER

NOTICE: Seller warrants that this product conforms to the chemical description on the label 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.

INHERENT RISKS OF USE: It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label and label booklet instructions (including conditions noted on the label and label booklet, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, all of which are beyond the control of the company or the seller. All such risks shall be assumed by Buyer.

LIMITATION OF REMEDIES: The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at the company's election, one of the following: (1) Refund of purchase price paid by buyer or user for product bought; or, (2) Replacement of amount of product used. The company shall not be liable for losses or damages resulting from handling or use of this product unless the company is promptly notified of such loss or damage in writing. In no case shall the company be liable for consequential or incidental damages or losses. The terms of the Warranty Disclaimer above and this Limitation of Remedies cannot be varied by any written or verbal statement or agreements. No employee or sales agent of the company or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.



HENDRIX and DAIL, Inc.

TELEPHONE (919) 758-4263 803 INDUSTRIAL BLVD.
GREENVILLE, NORTH CAROLINA 27834

NET CONTENTS: Pounds

E.P.A est.

REGISTRATION
No. 8853-4

8853- FL - 1 []
8853- GA - 1 []
8853- NC - 1 [] ←
8853- KY - 2 []
8853- NC - 2 []

CHLOROPICRIN LIQUID
WEIGHT: 13.7 POUNDS PER GALLON

ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 21 1991

HD 7-94

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

8853-4

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VARY STATEMENTS (CONTINUED)

AGRICULTURAL USE REQUIREMENTS

Product only in accordance with its labeling and with the Worker Standard, 40 CFR 170. This Standard contains requirements for protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains provisions for training, decontamination, notification, and emergency procedures. It also contains specific instructions and exceptions pertaining to the use of this product that are covered by the Worker Standard (WPS).

Directions elsewhere on this labeling relieve users from liability with the requirements of the WPS.

RESTRICTIONS

Soil Fumigation: Entry (including early entry that would be permitted under the WPS) by any person -- other than a trained and equipped handler who is performing a handling task on this labeling -- is PROHIBITED from the start of application until after application. In addition, if tarps are used for the application, early entry is prohibited while tarps are being removed.

Notification: Notify workers of the application by warning them orally and posting fumigant warning signs, as described in the "Placarding of Restricted Areas" section of this labeling. Post the fumigant warning sign and the WPS sign for this application, but follow all WPS requirements for location, legibility, size, and timing of posting and removal.

Soil Fumigation: Post the fumigant warning signs at entrances and exits to the treated areas.

ENTRY DURING THE ENTRY-RESTRICTED PERIOD: PPE that is permitted by this labeling is listed in the "Hazards to Humans and Domestic Animals" section of this labeling.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry, place, well-ventilated area under lock and key as a pesticide storage area. Do not contaminate water, food, or feed with this pesticide. Persons moving, handling, or opening containers must wear the personal protective equipment (including eye protection) specified in the Hazards to Humans section of this labeling. Open containers only in well-ventilated area.

Disposal: Close by turning clockwise until had tight. Disconnect lines and install safety caps and bonnet.

RETURN OF CYLINDERS

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803 Industrial Blvd.
Greenville, North Carolina 27834
(919) 758-4263

Cylinders should be returned promptly by collect truck freight to the location from which shipment was made. When a cylinder is partially full and there is a requirement for the product, contact HENDRIX AND DAIL, INC. for instructions. Pesticide wastes are toxic. Improper disposal of pesticide, spray mixture or rinsate is a violation of Federal law. If wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the nearest Waste representative at the nearest EPA Regional Office for instructions.

SHIPPING

This fumigant is classified in the U.S. Department of Transportation Hazardous Materials Regulations as Chloropicrin, 6.1, UN 1580, Poison-Inhalation Hazard, Hazard Zone B and no exemptions from specifications, packaging, marking, or labeling are allowed. Describe empty cylinders as containing Chloropicrin (Inhalation Hazard). Do not ship with foods, feeds, or clothing.

HD-PIC DOSAGE RATES AND METHODS OF APPLICATION

Crop	Manner of Sealing	Dosage
All crops (including greenhouse, nursery, and outside beds)	Cultipacking or water seal	485-1076 lbs./A
	Plastic (A)	250-320 lbs./A
Greenhouse beds	Plastic (A)	3-4 cc/sq. ft.
Mushroom casing soil	Water plus plastic or wet newspaper	5-10 cc/cu. ft.
Potting soil	Water or plastic (A)	3-4 cc/sq. ft.
Seedbeds-Celery (Florida)	Water or plastic (A)	1021 lbs./A or 6 cc/sq. ft.
Seedbeds (Other)	Water or plastic (A)	3-4 cc/sq. ft.
Seed flats	Plastic (A)	2-4 cc/sq. ft. or 10 cc/cu. ft.

(A) Best results are obtained by covering beds with a tarpaulin or plastic cover for 24 hours after treatment. A water seal maintained for 24 hours in top inch of soil may also be used. Keep tarpaulin on potting soil and seed flats for 24 hours.

APPLICATION INFORMATION: For best results with HD-PIC, soil should be tilled to a fine, loose condition with the soil temperature at the depth of application preferably between 60° F. and 85° F. Soil should contain adequate moisture to support good seed germination. Chisel or plow sole applications should be in uniform streams 10 to 12 inches apart and 6 to 8 inches below the soil surface. When the plow sole method is used, disc well and then insure the seal by rolling or cultipacking. With chisel application a roller, cultipacker or float can follow the chisel bar or these can be pulled by another closely following tractor.

The soil should not be disturbed for 14 days following treatment. At the end of the exposure period, allow the soil to aerate completely. Heavy rains may retard diffusion of the fumigant, thus requiring a longer exposure period. Should these conditions occur, hasten aeration by working the soil to the depth of the treatment zone. Avoid reinfestation of treated soil from contaminated tools, equipment, transplants, manure or composts.

Fumigation of small volumes of soil for seed flats, potting soil, or mushroom casing soil may be made by injecting the proper volume of HD-PIC 6 to 8 inches deep in a grid pattern not to exceed 12-inch spacing. Keep tarpaulin on fumigated soil for 24 hours.

WARNING AGENT: HD-PIC may be used for clearing structures prior to fumigating with methyl bromide or sulfuryl fluoride. Prepare structure for fumigation and seal all except one entrance. Use 1 ounce per 10,000 cubic feet of space to be fumigated. When building is evacuated, seal the last entrance and start the fans. Check seals for tightness. Five to ten minutes later, introduce methyl bromide or sulfuryl fluoride.

SOIL FUMIGATION: HD-PIC may be used as a preplant soil fumigant for the control of soil-borne diseases such as *Verticillium*, *Fusarium*, *Rhizoctonia* and *Pythium*. Control of soil-borne grubs, wireworms, nematodes, weed and grass seeds may also be obtained.

AFTER FUMIGATION

Keep pets, 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 tarpaulin, if used.

After fumigation, fumigated 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 fumigated area unless he/she 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.

Two trained persons must be present during removal of the tarpaulin.

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WARRANTY DISCLAIMER

Seller warrants that this product conforms to the chemical description.

... by turning cylinders and lids right. Disconnect into safety caps and bonnet.

RETURN OF CYLINDERS

... re the property of:

HENDRIX AND DAIL, INC.
803 Industrial Blvd.
Greenville, North Carolina 27834
(919) 758-4263

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WARRANTY DISCLAIMER

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OF REMEDIES: The exclusive remedy for losses or damages y this product (including claims based on contract, negligence, r other legal theories), shall be limited to, at the company's election, owing: (1) Refund of purchase price paid by buyer or user for it; or, (2) Replacement of amount of product used. The company ble for losses or damages resulting from handling or use of this s the company is promptly notified of such loss or damage in case shall the company be liable for consequential or incidental osses. The terms of the Warranty Disclaimer above and this Remedies cannot be varied by any written or verbal statement or No employee or sales agent of the company or the seller is vary or exceed the terms of the Warranty Disclaimer or this remedies in any manner.

... later, introduce methyl bromide or sulfuryl fluoride.

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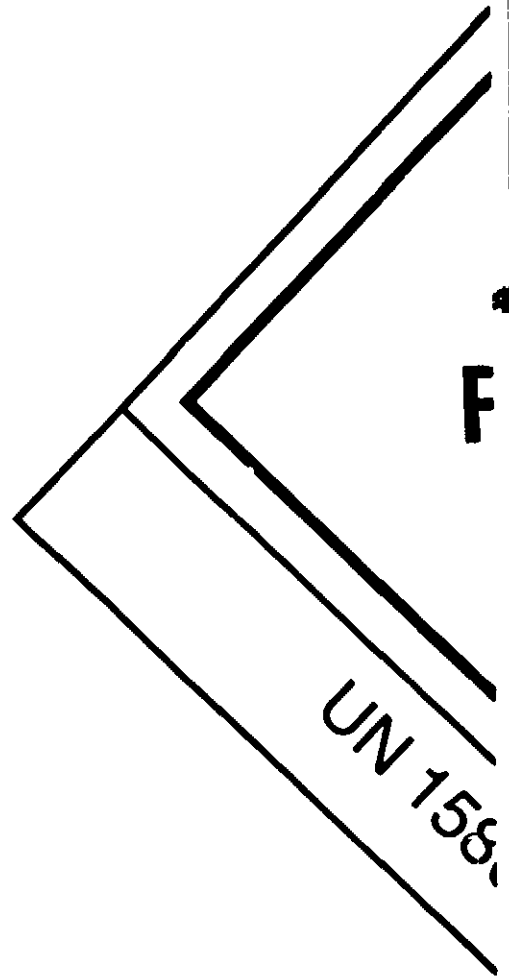
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AFTER FUMIGATION

Keep pets, 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 tarpaulin, if used.

After fumigation, fumigated 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 fumigated area unless he/she 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.

Two trained persons must be present during removal of the tarpaulin.



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HD-PIC DOSAGE RATES AND METHODS OF APPLICATION

	Manner of Sealing	Dosage
Including nursery, and seed flats	Cultipacking or water seal	485-1076 lbs./A
Seed beds	Plastic (A)	250-320 lbs./A
Seed beds	Plastic (A)	3-4 cc/sq. ft.
Seed casing soil	Water plus plastic or wet newspaper	5-10 cc/cu. ft.
Seed flats	Water or plastic (A)	3-4 cc/sq. ft.
Celery (Florida)	Water or plastic (A)	1021 lbs./A or 6 cc/sq. ft.
(Other)	Water or plastic (A)	3-4 cc/sq. ft.
	Plastic (A)	2-4 cc/sq. ft. or 10 cc/cu. ft.

Results are obtained by covering beds with a tarpaulin or plastic cover for 24 hours after a water seal maintained for 24 hours in top inch of soil may also be used. Keep tarpaulin on and seed flats for 24 hours.

APPLICATION INFORMATION: For best results with HD-PIC, soil should be in a fine, loose condition with the soil temperature at the depth of application preferably between 60° F. and 85° F. Soil should contain adequate moisture to support good seed germination. Chisel or plow sole applications should be in uniform streams 10 to 12 inches apart and 6 to 8 inches below soil surface. When the plow sole method is used, disc well and then apply the seal by rolling or cultipacking. With chisel application a roller, disk harrow or float can follow the chisel bar or these can be pulled by the tractor closely following tractor.

Soil should not be disturbed for 14 days following treatment. At the end of the exposure period, allow the soil to aerate completely. Heavy rains may cause diffusion of the fumigant, thus requiring a longer exposure period. If these conditions occur, hasten aeration by working the soil to the surface of the treatment zone. Avoid reinfestation of treated soil from untreated tools, equipment, transplants, manure or composts.

Application of small volumes of soil for seed flats, potting soil, or mushroom growing soil may be made by injecting the proper volume of HD-PIC 6 to 8 inches deep in a grid pattern not to exceed 12-inch spacing. Keep tarpaulin over treated soil for 24 hours.

PRE-TREATMENT AGENT: HD-PIC may be used for clearing structures prior to fumigation with methyl bromide or sulfuryl fluoride. Prepare structure for fumigation and seal all except one entrance. Use 1 ounce per 10,000 cubic feet of space to be fumigated. When building is evacuated, seal the last entrance and start the fans. Check seals for tightness. Five to ten minutes after application produce methyl bromide or sulfuryl fluoride.

FUMIGATION: HD-PIC may be used as a preplant soil fumigant for the control of soil-borne diseases such as *Verticillium*, *Fusarium*, *Rhizoctonia*, and *Phytophthora*. Control of soil-borne grubs, wireworms, nematodes, weed seeds may also be obtained.

AFTER FUMIGATION

Remove plants, livestock, and other domestic animals out of the treated area immediately after application, during the exposure period as specified for applications listed in the Directions for Use, and during removal of tarpaulin, if used.

After fumigation, fumigated areas must be aerated until the air concentration 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 fumigated area unless he/she is wearing the specified personal protective equipment (including prescribed respirator) specified in the Directions for Use to Humans section of this labeling. In greenhouses, additional EPA Protection Standard restrictions apply.

Unfumigated persons must be present during removal of the tarpaulin.

Spill and Leak Procedures for Soil Fumigation

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 respirators) specified in the Hazards to Humans section of this labeling. Move leaking or damaged containers outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow spilled fumigant to evaporate or to absorb onto vermiculite, 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 PPE-equipped handlers are permitted to perform such cleanup. Do not permit entry into the spill or leak area by any other person until the concentration of chloropicrin is measured to be less than 0.1 ppm. Report spill to the National Response Center (800-424-8802) if the reportable quantity of 1000 lbs. is exceeded.

DO NOT SPILL OR DISCHARGE CONTENTS OUTSIDE GROUND COVER

ENVIRONMENTAL HAZARD

This product is toxic to fish and wildlife. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Open dumping is prohibited. Do not allow HD-PIC or its vapors to come into contact with any desirable living plants. Avoid spilling, dripping or otherwise contacting HD-PIC with crops in adjacent fields as plant injury may result. Do not apply HD-PIC where there is little or no air moving or during air inversion conditions.

CHEMICAL HAZARD

HD-PIC may be corrosive under certain conditions. DO NOT USE WATER to clean equipment. Flush equipment with kerosene or fuel oil. Do not use handling equipment or containers made from magnesium alloy, aluminum, or alkali metals. HD-PIC is a non-flammable liquid.

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produce methyl bromide or sulfuryl fluoride.

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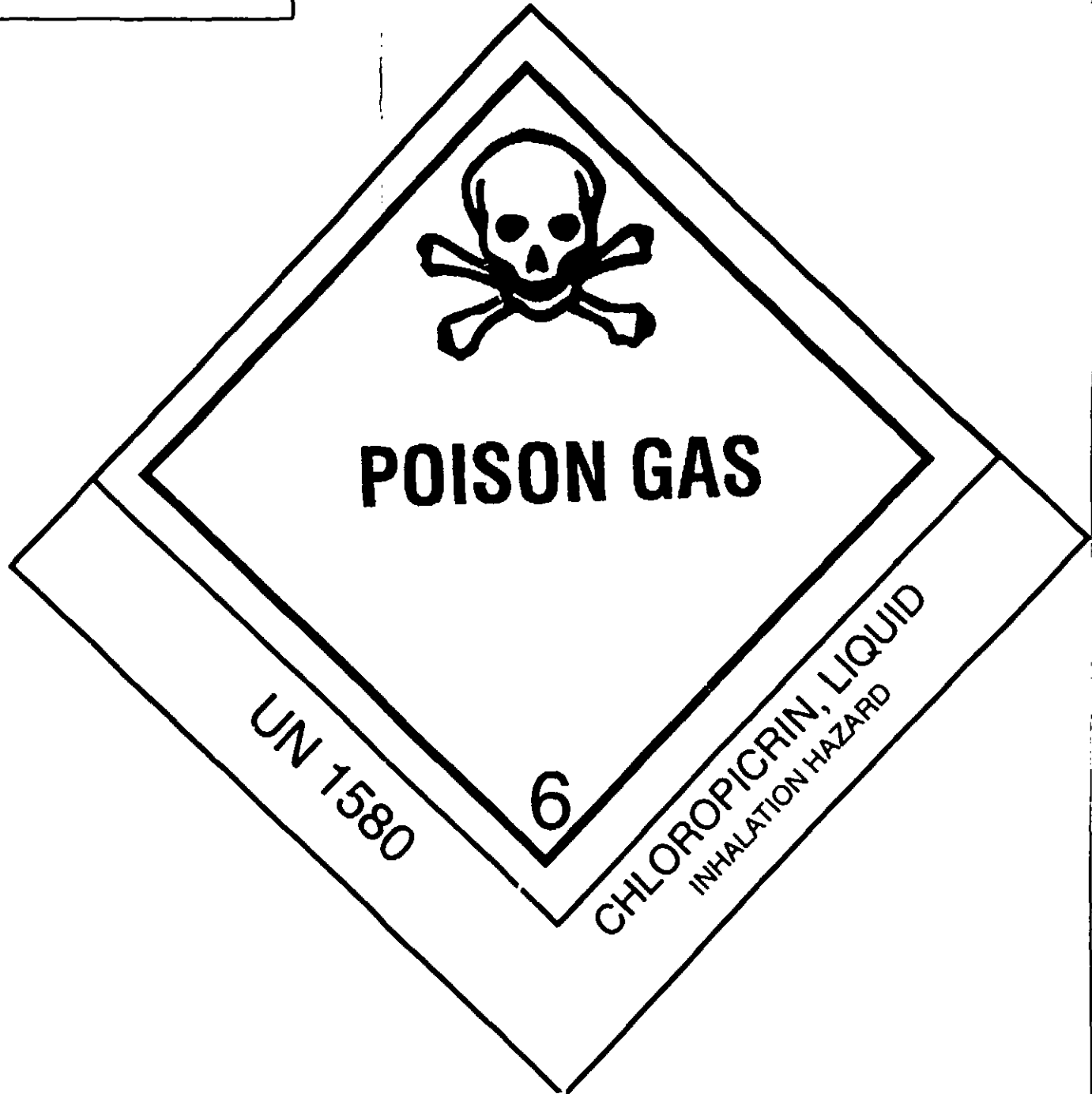
MIGATION: HD-PIC may be used as a preplant soil fumigant for the control of soil-borne diseases such as *Verticillium*, *Fusarium*, *Rhizoctonia*, and *Sclerotinia*. Control of soil-borne grubs, wireworms, nematodes, weed seeds may also be obtained.

AFTER FUMIGATION

Remove livestock, and other domestic animals out of the treated area immediately after application, during the exposure period as specified for applications in the Directions for Use, and during removal of tarpaulin, if used.

After fumigation, fumigated areas must be aerated until the air concentration of chloropicrin is measured to be less than 0.1 ppm. Until the acceptable concentration level is reached, do not allow any person to enter into the fumigated area unless he/she is wearing the specified personal protective equipment (including prescribed respirator) specified in the Protection to Humans section of this labeling. In greenhouses, additional protection Standard restrictions apply.

Authorized persons must be present during removal of the tarpaulin



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