

1032

11022-37

10/2

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

**DANGER
HIGH ACUTE TOXICITY**

Extremely hazardous liquid and vapor under pressure. Do not breathe vapor. Inhalation or ingestion may be fatal or cause serious acute illness or delayed lung or nervous system injury. Liquid or vapor can cause serious skin or eye injury which may have a delayed onset. Do not get liquid on skin, in eyes or on clothing.

This product contains chloropicrin, a vesicant-liquid tear gas. Chloropicrin vapor is very irritating to the upper respiratory tract, and even at low levels can cause painful irritation to the nose and throat, and to the eyes, producing tearing. If these symptoms occur, leave the fumigation area immediately. Continued exposure after irritation is evident, at higher concentrations, may cause serious irritation to the eyes or temporary blindness, which may cause blindness that may in turn lead to further accidents.

NOTE TO PHYSICIAN: Early symptoms of overexposure are intense lacrimation and irritation of mucous membranes, dizziness, headache, nausea and vomiting, weakness and collapse. Lung edema may develop in 2 to 48 hours after exposure, accompanied by cardiac irregularities; these effects are the usual cause of death. Repeated overexposure can result in blurred vision, staggering gait and mental disturbances, with probable recovery after a period of exposure. Blood bromide levels suggest the occurrence, but not the degree of exposure. Death is symptomatic.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless the product is specifically identified and approved in an NPDES 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.

PHYSICAL HAZARDS: Do not use or store near heat, open flames, or sparking electrical equipment.

CHEMICAL HAZARDS: Do not use application devices incorporating natural rubber or aluminum or magnesium or their alloys; do not use water to clean them (Chapt 6 is satisfactory).

DIRECTIONS FOR USE

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

PROTECTIVE CLOTHING: Wear loose clothing and socks that are cleaned after each wear. Do not wear jewelry, gloves or boots when handling. Methyl bromide and chloropicrin are heavier than air and may be trapped inside clothing and cause skin injury. If full-face respiratory protection is not required, wear goggles. A full face shield for eye protection when handling liquid. After application, immediately, remove clothing, shoes and socks. Do not reuse contaminated clothing or shoes until cleaned. Drenched clothing cannot be adequately decontaminated.

PESTICIDE STORAGE, HANDLING AND DISPOSAL

PESTICIDE STORAGE AND HANDLING: Store in a secure manner either outdoors under ambient conditions or indoors in a well ventilated area. Pool as a pesticide storage area.

Do not contaminate water, food or feed by storage. Store cylinders upright, secured to a rack or wall to prevent toppling. Cylinders should not be subjected to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, ladders, 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.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, either contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance, or follow registrant's instructions for return of partially empty cylinders.

CONTAINER DISPOSAL: When cylinder is empty, close valve by turning clockwise until hand tight, 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.

RETURN OF CYLINDERS:

- (1) Cylinders are the property of the manufacturer or distributor where purchased and should be returned promptly by collect freight.
- (2) Do not ship cylinders without safety caps or valve protection bonnets.
- (3) When a cylinder is partially full and there is no further requirement for the product, contact the manufacturer or distributor for return instructions.
- (4) Containers should never be refilled by the consumer or used for any other product or purpose.

SPECIFIC DIRECTIONS FOR USE

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 precaution and directions, including those in the Manual for the Safe Handling and Application of Methyl Bromide Products No. AM-210.

All persons working with this fumigant must 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 (see the Product Manual No. AM-210).

Respirator Protection: If the concentrations of methyl bromide and chloropicrin in the working area, as measured by a direct-reading detector device (e.g., Draeger, etc.), as described in the product manual, do not respectively, exceed 5 ppm (20 mg/m³) and 0.1 ppm (0.7 mg/m³), no respiratory protection is required.

If both or either of these concentrations is exceeded at any time, all persons in the working area must wear protective clothing and a NIOSH/MSHA approved self-contained breathing apparatus (SCBA) or combination air-supplied/SCBA respirator (see Product Manual No. AM-210).

Do not fumigate with this product when soil temperature is below 50°F. at 5-6 inches.

**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 endorsement.

**50-50
PREPLANT
SOIL FUMIGANT**

FOR CONTROL OF NEMATODES, WIREWORMS, WEED SEEDS,
FUNGUS DISEASES, GRUBS, AND SOIL-BORING INSECTS

ACTIVE INGREDIENTS:	By Wt.
METHYL BROMIDE	49.7%
CHLOROPICRIN	49.5%
INERT INGREDIENT	0.8%
TOTAL	100.0%

ACUTELY TOXIC CHEMICAL
14.0 .55. Active ingredient per gal. (Liquid in Cylinder)

KEEP OUT OF REACH OF CHILDREN

DANGER  **PELIGRO
POISON**

PRECAUCION AL USARLO: Si usted no lee ingles, no use este producto hasta que se obtenga la ayuda adecuada.

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 apply artificial respiration. Do not give anything by mouth to an unconscious person.
- If on skin — Immediately remove contaminated clothing, shoes, jewelry, and any other item on 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.

See side panels for additional precautionary statements.

EPA REG. NO. 8622-38-AA

- ☐ EPA EST. NO. 10183-AZ-01
- ☐ EPA EST. NO. 15298-ES-01
- ☐ EPA EST. NO. 28616-FL-04
- ☐ EPA EST. NO. 28616-NC-01

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AmeriBrom, Inc.

52 VANDERBILT AVE.,
NEW YORK, N.Y. 10017
TELEPHONE: (212) 286-4000
FAX: (212) 286-4475

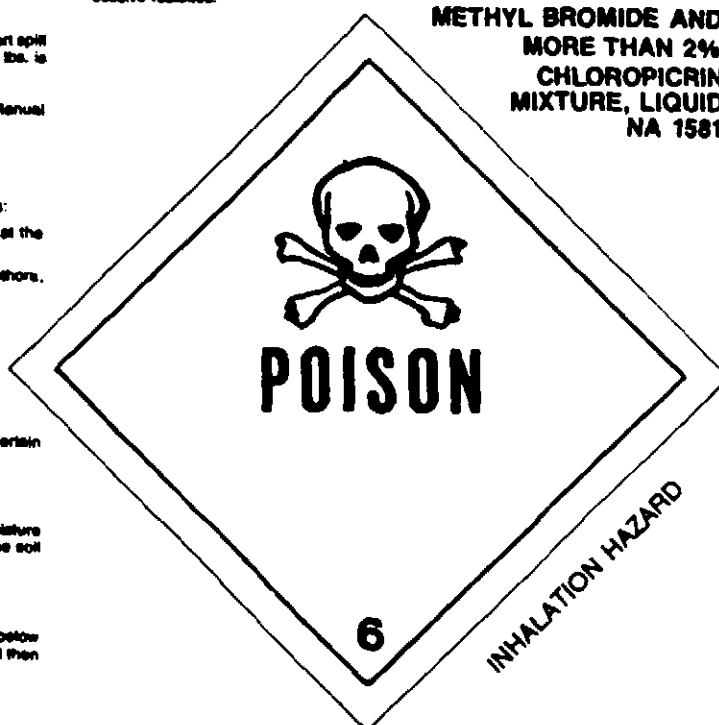
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Chemists (807) 424-9300
or
AmeriBrom West
Call Collect: (805) 988-9719
(212) 286-4000 (N.Y.)

Net contents: _____ LBS./ _____ KGS.

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Warren's Buller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor 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. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given hereon.



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

**DANGER
HIGH ACUTE TOXICITY**

Extremely hazardous liquid and vapor under pressure. Do not breathe vapor. Inhalation or ingestion may be fatal or cause serious acute illness or delayed lung or nervous system injury. Liquid or vapor can cause serious skin or eye injury which may have a delayed onset. Do not get liquid on skin, in eyes or on clothing.

This product contains chloropicrin, a volatile liquid tear gas. Chloropicrin vapor is very irritating to the upper respiratory tract, and even at low levels can cause painful irritation to the nose and throat, and to the eyes, producing tearing. If these symptoms occur, leave the fumigation area immediately. Continued exposure after irritation is evident, or higher concentrations, may cause painful irritation to the eyes or temporary blindness, which may cause panic that may in turn lead to further accidents.

NOTE TO PHYSICIAN: Early symptoms of overexposure are intense lacrimation and irritation of mucous membranes, dizziness, nausea and vomiting, weakness and collapse. Lung edema may develop in 2 to 48 hours after exposure, accompanied by cardiac irregularities; these effects are the usual cause of death. Repeated overexposure can result in blurred vision, staggering gait and mental imbalance, with probable recovery after a period of no exposure. Blood bromide levels suggest the occurrence, but not the degree of exposure. Treatment is symptomatic.

ENVIRONMENTAL HAZARDS: 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 as... released in an NPDES 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.

PHYSICAL HAZARDS: Do not use or store near heat, open flames, or sparking electrical equipment.

CHEMICAL HAZARDS: Do not use application devices incorporating natural rubber or aluminum or magnesium or their alloys; do not use water to clean them (Diesel oil is satisfactory).

DIRECTIONS FOR USE

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

PROTECTIVE CLOTHING: Wear loose clothing and socks that are cleaned after each wearing. Do not wear jewelry, gloves or boots when handling. Methyl bromide and chloropicrin are heavier than air and may be trapped inside clothing and cause skin injury. If full-face respiratory protection is not required, wear goggles or full face shield for eye protection when handling liquid. After application, immediately remove clothing, shoes and socks. Do not reuse contaminated clothing or shoes until cleaned. Drenched clothing cannot be adequately decontaminated.

PESTICIDE STORAGE, HANDLING AND DISPOSAL

PESTICIDE STORAGE AND HANDLING: Store in a secure manner either outdoors under ambient conditions, or indoors in a well ventilated area. Post as a pesticide storage area.

Do not contaminate water, food or feed by storage. 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, lugs, or similar devices to unload cylinders. Transport cylinders using hand truck, fork truck or other device to which the cylinder can be firmly secured.

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Respirator Protection: If the concentrations of methyl bromide and chloropicrin in the working area, as measured by a direct-reading detector device (e.g., Draeger, etc., as described in the product manual), do not respectively, exceed 5 ppm (20 mg/m³) and 0.1 ppm (0.7 mg/m³), no respiratory protection is required.

If both or either of these concentrations is exceeded at any time, all persons in the working area must wear protective clothing and a NIOSH/MSHA approved self-contained breathing apparatus (SCBA) or combination air-purified/SCBA respirator (see Product Manual No. AM-210).

Do not fumigate with this product when soil temperature is below 50°F at 6-8 inches

**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.

**75-25
PREPLANT
SOIL FUMIGANT**

FOR CONTROL OF NEMATODES, WIREWORMS, WEED SEEDS,
FUNGUS DISEASES, GRASS, AND SOIL-BORNE INSECTS.

ACTIVE INGREDIENTS:	By Wt.
METHYL BROMIDE	74.7%
CHLOROPICRIN	24.8%
INERT INGREDIENTS	0.5%
TOTAL	100%

ACUTELY TOXIC CHEMICAL

14.3 LBS. Active Ingredient per gal. (liquid in cylinder)

KEEP OUT OF REACH OF CHILDREN

DANGER  **PELIGRO**
POISON

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

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 apply artificial respiration. Do not give anything by mouth to an unconscious person.

If on skin - Immediately remove contaminated clothing, shoes, jewelry, and any other item on 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.

See side panels for additional precautionary statements.

EPA REG. NO. 8622-15-AA

- ☐ EPA EST. NO. 10163-AZ-01
- ☐ EPA EST. NO. 15288-IS-01
- ☐ EPA EST. NO. 29516-FL-04
- ☐ EPA EST. NO. 29516-NC-01

Distributed by

AmeriBrom, Inc.

52 VANDERBILT AVENUE
NEW YORK, N.Y. 10017
TELEPHONE: (212) 286-4000
FAX: (212) 286-4475

IN CASE OF EMERGENCY CONTACT:

Chemtrec (800) 424-9300

or

AmeriBrom West
5409 Santa Clara Ave.
Camarillo, Calif. 93010
Call Collect: (805) 988-9719 (Calif.)
(212) 286-4000 (N.Y.)

AM28Rev 1 Net contents: _____ LBS./ _____ KGS. 11/82

Warranty: 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 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. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given hereon.

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DOSAGE TABLE

Line 75-26 1947 Army 2

ACCEPTED
30 SEP 1993
Under the provisions of the National Archives and Records Administration, this document is available to the public in accordance with the provisions of the National Archives and Records Administration.

Cover To Be Planted :

- Strawberries
- Tomatoes
- Pineapples
- Cauliflower
- Broccoli
- Mushrooms*
- Peppers
- Eggplants
- Asparagus
- Lettuce
- Onions (dry bulb)
- Floral Crops*
- Nursery Crops*
- Plant & Seed Beds*

*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. The usual chest spacing for methyl bromide treatment is 12" and it is assumed that each chest treats a 12" strip when injected at a depth of 5 to 8".

[†] Use the higher rates for protection control³ Plants grown for transplanting.

* Growing difficulties in treated soil may be experienced with Carnations, Conifers, Delphiniums, Holly, Multiflora Rose, Salvia, Snapdragons, and certain other crops.

⁵For use on muskmelons, (all *Cucumis melo* melons, excludes watermelons), cantaloupes, Persian melons, honeydew melons, casabas, crenshaws, mence melons and their hybrids.

After 48 hours remove tarpaulin and allow the soil to aerate for two weeks before planting. Pepper seeds can be direct seeded through the use of plug mix after 72 hours.

CITRUS SOIL TREATMENT FOR CONTROL OF PHYTOPHTHORA* IN FLORIDA SANDY SOILS
This is a preplant or replant treatment. Do not apply to soil where trees will bear harvestable fruit within 24 months. Use a minimum of 1½ lbs./100 sq. ft. Expose to fumigation for 96 hours covering treated area with a 4-mil tarpaulin. Will control disease to a depth of 4 feet. Aerate 2 weeks before setting transplants in treated area.

Apply with chisels spaced 12 inches apart to a depth of 8 inches. Seal fumigant with a drag or culspacker immediately behind chisels. Cover with a gas-proof tarpaulin. Remove tarpaulin after recommended fumigation period and aerate soil for 2 weeks before planting. If odors persist, disc or plow the soil to assist aeration.

Do not apply 75-25 when there is little or no air movement.

Do not apply near buildings inhabited by humans or livestock or in area adjacent to fields where valuable crops are growing.

- *Phytophthora diseases controlled are root rot and crown rot

NOTES

Following soil fumigation, undesirable concentrations of chloropicrin may drift to nearby areas. If this occurs, immediately cover treated area with a plastic tarpaulin. Leave tarpaulin on overnight and remove during the daytime. Recover the area if eye irritation indicates that the undesirable concentration is continuing. These concentrations are most likely to occur in the evening or at night when the air is most likely to be static in movement. Do not make application of 75-25 when there is little or no air movement or there is an inversion condition in the atmosphere.

NOTE CAREFULLY: Following fumigation, the level of soluble salts and ammonia nitrogen may be raised. This is most likely to occur when heavy rates of fumigant and fertilizers are applied to soils that are either acid or saline in general nature. Fertilizers containing ammonium salts should not be used. Apply only fertilizers containing nitrate until after the crop is well established and the soil temperature is above 60°F. or order of ammonia injury, nitrate starvation, or both. After fumigation, fertilize as indicated by soil test to protect against injury to plant roots. It is best that highly acid soils be limed before application to stimulate nitrification and reduce the possibility of ammonia toxicity.

NOTICE

NOTICE

Many pesticidal chemicals are poisonous and may leave a toxic residue on the plants to which they are applied. The U.S. Food and Drug Administration has established maximum amounts of such pesticides that may remain on raw agricultural products at harvest, and it is the responsibility of the user to see that there is no residue on such crops at harvest in excess of these amounts. The "Fumigation Directions" are based on the best available information, and it follows: "residue should not leave" means residue at harvest. However, Ameronitrol, Inc. does not assume any responsibility as to the accuracy nor for any loss due to excessive residues.

**CHLOROPICRIN AND METHYL
BROMIDE MIXTURES
UN 1581**

CHLOROPICRIN AND METHYL
BROMIDE MIXTURES
UN 1581

POISON GAS

2

INHALATION HAZARD

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Wireworms, June beetle larvae, white grubs and garden symphylan in the soil at the time of planting

Nemotodes (such as *Criconeimodes*, *Tylenchus*, *Pratylenchus*, *Xiphinema* and *Paratylenchus* species)

75-25 is not effective against mallow, flares, dodder, some species of clover, and certain other hard seeded weeds. Crops listed below can be treated.

Before treatment the soil should be in condition for planting and with sufficient moisture to support seed germination. If fumigation is being done to control nutweeds, till the soil to a depth of at least 15".

Apply with chisels spaced from 12" to 18" apart, and inject 75-25 to a depth of 5 to 6" below soil surface. Seal fumigant with a drag or cultipacker immediately behind chisels and then cover with a one-half inch layer.