

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

**DANGER
HIGH ACUTE TOXICITY**

Extremely hazardous liquid and vapor under pressure. Do not breathe vapor. Inhalation 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 as a warning odorant. Chloropicrin 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.

NOTE TO PHYSICIAN: Early symptoms of overexposure are dizziness, headache, nausea and vomiting, weakness and collapse. Lung edema may develop in 2 to 48 hours after exposure. It is accompanied by card irregularities. These effects are the usual cause of death. Repeated overexposure can result in blurred vision, staggering gait and mental imbalance with protracted 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 and addressed 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.

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 cotton long sleeve shirt and pants, shoes and socks that are cleaned after each wearing. Do not wear jewelry, gloves or boots when handling. Methyl bromide is 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 dry, cool, well-ventilated area under lock and key. 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 hoists, cranes, slings, chocks, 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 protect on 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).

**RESTRICTED USE PESTICIDE
DUE TO ACUTE TOXICITY**

**METHYL BROMIDE
SOIL FUMIGANT**

For control of weeds, nematodes and insect pests in tobacco, seed and plant beds.

**ACTIVE INGREDIENT:
METHYL BROMIDE
(INERT INGREDIENTS*)**

Chlorpicrin CHLOROPICRIN (warning odorant tear gas)

By Wt.
67.4 %
31.6 %

TOTAL 100%

ACUTELY TOXIC CHEMICAL

12.1 LBS. Active Ingredient per gal. (LIQUID IN CYLINDER)

KEEP OUT OF REACH OF CHILDREN

DANGER  **PELIGRO**
POISON

PRECAUCION AL USUARIO: Si usted no lee Ing'les, 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.

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Camarillo, Calif 93010
Call Collect: (805) 988-9717 (Calif)
(212) 563-4600 (N.Y.)

Net contents

LBS /

KGS

Warranty: Seller warrants that the product conforms to its chemical description and is reasonable 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.

When used for fumigation of soil in enclosed spaces (e.g. greenhouses and tarpaulin covered areas) two persons trained in the use of the product must be present during introduction of the fumigant, introduction of aeration and after aeration when testing for entry. Two persons are not needed to be present if monitoring is conducted remotely outside the area being fumigated.

Do not fumigate with this product when soil temperature is below approx. 50°F at 6.8 in. Specific directions for use in greenhouses are given in the Product Manual No. AM-210.

Placarding or Posting Required: Check with local authorities in your state concerning the need to post fumigated areas. The applicator must placard or post all entrances to the fumigated area with signs bearing, in English and Spanish:

- The signal word DANGER/PELIGRO and the skull and crossbones symbol
- The statement "Area under fumigation. DO NOT ENTER/NO ENTRE"
- The date of fumigation
- Name of fumigant used
- Name, address, and telephone number of the applicator

Only a certified applicator or someone under his/her supervision may remove placards, and only when the concentration of methyl bromide in the treated site is below 5 ppm. Any person who transfers a treated, tarpaulined site to another site without aeration must ensure that the new site is placarded until the site is aerated below the threshold concentration.

Respiratory Protection: If the concentration of methyl bromide in the working area, as measured by a direct-reading detector device (e.g., Draeger Tube as described in the Product Manual), does not exceed 5 ppm (20 mg/m³), no respiratory protection is required.

If this concentration 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 the Product Manual No. AM-210).

Aeration and Reentry: After fumigation, treated areas must be aerated until the level of methyl bromide is below 5 ppm. Do not allow entry into the treated area by any person before this time unless protective clothing and a respiratory protection device (SCBA or combination air-supplied SCBA) is worn.

Spill and Leak Procedures: Evacuate immediate area of spill or leak. Use SCBA or combination air-supplied SCBA respirator for entry into affected area to correct problem. Move leaking or damaged cylinders or containers outdoors or to an isolated location observing strict safety precautions. Work upwind if possible. Allow spill to evaporate. Do not permit entry into spill area by unprotected persons until concentration of methyl bromide is determined to be less than 5 ppm.

Contaminated soil, water, and other cleanup debris is a toxic hazardous waste. Report spill to the National Response Center (800-424-8802) if the reportable quantity of 1000 lbs. is exceeded.

PRECAUTIONS FOR USAGE PRIOR TO, DURING, AND AFTER SOIL FUMIGATION

Specific instructions for application appears in the Manual for the Safe Handling and Application of Methyl Bromide Products No. AM-210.

Prior to Fumigation: Comply with all local regulations and ordinances. Obtain an application permit from Agricultural Regulatory Agencies as required.

Never fumigate alone. It is imperative always to have an assistant and proper protective equipment in case of accidents.

Drivers of application equipment must advise other workers of all precautions and procedures. In addition, drivers must instruct their helpers in the mechanical operation of the tractor and how to safely work with the tractor and driver while fumigating.

Handle this fumigant in the open, with the operator upwind from the container where there is good ventilation.

Check fumigant pressure systems for leaks before beginning operation.

Two trained persons must be present during introduction of the fumigant.

When fumigating soil from a tractor, 5 gallons of water must be carried on the tractor and placed where it is readily accessible. In addition to water available on the tractor, at least 5 gallons additional water must be available from the service truck. This water must be potable and in containers marked "Decontamination water not to be used for drinking".

All trash should be cleared from the field before starting fumigation.

During Fumigation: This fumigant should not be applied when there is an atmospheric inversion. Since an atmospheric inversion may occur, a person may drift to nearby areas. Immediately cover treated areas with a tarpaulin for a minimum of 48 hours.

Do not lift injection shafts to form at the nozzle. A pass of fumigant has drained from system following closure of shaft valve.

If trash is inadvertently broken by machinery, help the ends of the field when fumigating. It can be covered by using gas strings, using cover of the trash with polyethylene film before making the turn for the next pass.

When changing the cylinders, be certain they are turned off and fumigant system is not under pressure.

Keep all animals, children and unauthorized people away from area under fumigation for 48 hours after fumigation and during removal of tarpaulin.

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

Spill and Leak Procedures: In case of a rupture of hose or fitting while applying fumigant, immediately stop tractor and motor. Evacuate immediate area of spill or leak. Use SCBA or combination air-supplied SCBA respirator for entry into affected area to correct problem. Approach from upwind to make necessary repairs. Do not reenter area without respiratory protection until a spill has evaporated or a leak has been fixed.

DIRECTIONS

Use Methyl Bromide Soil Fumigant for preplanting application in soils for control of nematodes and insects, in nurseries and certain seed beds and field crop areas. Type of nematodes controlled are cyst formers, meadow (lesion) root knot, lance, sting and spiral. Insects such as white grubs, wire worms and other similar soil-borne pests are also controlled.

Directions: Recommended applicator rates

Seed and Plant Beds	Lbs./acre
Tobacco, seed and plant beds (for transplants only)	250-500
Ground floral and nursery crops	250-500

Use at the higher rate in heavy soils, soils with high organic content or when soil temperatures are low.

Soil Preparation: Fumigant must penetrate soil to be effective. Pretreatment tillage to a depth of 12 to 18 inches often improves results. Work plant refuse into the soil and allow time to decompose before treating. Soil must be in good workable condition, warm and preferably 50° to 80°F at a depth of 5 inches with moisture adequate for good seed germination. Do not treat if soil temperature is below 50° at the 5 inch level.

Method of Application: Apply by means of chisels spaced not more than 12 inches apart and set at a depth of 4 to 6 inches. Cover with polyethylene or other gas-tight sheeting as soon as possible after chisel application.

Aeration After Treatment: Aerate treated soil for 48 to 72 hours before planting seed or 7 to 10 days before putting out vegetative growth such as cutting slips, sets or spuds.

Precautions: Under some conditions, growth difficulty has been experienced on carnations, holly, snapdragons, myrtiflora, roses and certain other plants. Apply fertilizers containing nitrates or ammonium sulfate after the crop is established and the soil temperatures are above 65°F to avoid ammonia injury or nitrogen starvation.

To prevent injury to desirable living plants, keep edge of cover at least 18 inches from drip line. Do not apply to areas containing living roots of these plants.

Fumigated areas may be protected against recontamination by wooden frames or trenches to prevent flooding or washing. Recontamination by footwear or equipment should be kept to a minimum.

