

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JUN 12 1987

Allen S. Tillman
AmeriBrom, Inc.
1250 Broadway
New York, NY 10001

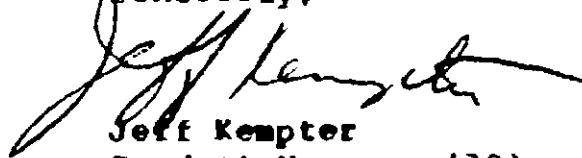
Subject: Methyl Bromide Registration Standard
Metabrom 98
EPA Registration No. 8622-6
Metabrom 100
EPA Registration No. 8622-16
Metabrom 99
EPA Registration No. 8622-17
Your Letter of June 9, 1987

Dear Mr. Tillman:

Your submission has been reviewed and found to be acceptable for the products listed above.

Enclosed for each product is stamped, approved labeling. Incorporate any comments noted on the labeling and submit five copies of finished printed labeling for our records.

Sincerely,



Jeff Kempter
Product Manager (32)
Disinfectants Branch
Registration Division (TS-767C)

Enclosures

TS-767C:DIS:WFrancis:wcf:Rm.711:557-7470:5-5-87

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

AMERIBROM, INC.

METABROM 99 (METHYL BROMIDE)

COLUMN 1, PAGE 1 OF 2

ACCEPTED
WITH COMMENTS
in EPA LABEL DATA

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
& DOMESTIC ANIMALS

JUN 12 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
and related laws, this pesticide
registered under EPA Reg. No.

8622-017

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, 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 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.

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(502)MTBRM99

DIKETHIOLAN, 10% OIL

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 contain with water, food or feed by any means. Store cylinders upright secured to a rack or wall to prevent tipping. Cylinders should not be subjected to rough handling or treatment such as dropping, stepping, dragging or sliding. Do not use rope slings, chains, torqs, or similar devices to unload cylinders. Transport cylinders on log hand trucks, fork trucks, 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 instruction.
- (4) Containers should never be refilled by the consumer or used for any other product or purpose.

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AMERIBROM, INC.

METABROM 99 (METHYL BROMIDE)
COLUMN II, PAGE 1 OF 2

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.

METABROM 99
CONTAINS 0.25% CHLOROPICRIN

ACTIVE INGREDIENT:	By wt.
METHYL BROMIDE	99.65%
INERT INGREDIENTS:	
CHLOROPICRIN (warning odorant tear gas)....	0.25%
OTHER	0.1 %

	TOTAL.....100%

ACUTELY TOXIC CHEMICAL

14.4 LBS PER GALLON (LIQUID IN CYLINDER)

(502)MTBRM99

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AMERIBROM, INC.

METABROM 100 (METHYL BROMIDE)
COLUMN II, PAGE 2 OF 2

KEEP OUT OF REACH OF CHILDREN

DANGER SKULL & PELIGRO
CROSS BONES

POISON

PRECAUCION AL USARIO: 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. 8622-16

EPA EST. NO. 15298-IS-01
EPA EST. NO. 29516-NC-01
EPA EST. NO. 10162-AZ-01
EPA EST. NO. 29516-FL-04

Distributor:
AMERIBROM, INC.
1250 Broadway
New York, N.Y. 10001

IN CASE OF EMERGENCY CONTACT:
CHEMTREC (800) 424-9300
OR
AMERIBROM, INC.
1250 Broadway, New York, N.Y. 10001
Call Collect: (212) 563-4600

(502) METABROM 100

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Respiratory Protection: If the concentration of methyl bromide in the working area, as measured by a direct reading detector device (e.g., **Bragger**, etc. 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).

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 (800-424-8602) 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 at the open, with the operator "up wind" from the container where there is good ventilation.

Check all gas pressure systems for leaks before beginning operation.

The fire extinguisher must be present during introduction of the fumigant.

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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 uncomfortable concentrations of chloropicrin may drift to nearby areas, immediately cover treated areas with plastic tarpaulin for a minimum of 48 hours.

Do not lift injection shanks to turn at the end of a pass until fumigant has drained from system following closure of shutoff valve.

If trash is inadvertently pulled by the shanks to the ends of the field when fumigating, it must be covered by lifting the shanks, then covering 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.

After fumigation: Post all treated areas with warning signs.

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/OCBA 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.

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DWELLING FUMIGATION DIRECTIONS
(Post Control Operators Only)

When used for fumigation of dwellings, two persons trained in the use of this product must be present during introduction of the fumigant, initiation of aeration, and after aeration when testing for reentry. Two persons do not need to be present if monitoring is conducted remotely (outside the area being fumigated).

Dwelling to be fumigated is made gas-tight using a tarpaulin which has been staked and/or earth mounds placed on the ends of the tarpaulin. Area to be fumigated is calculated and the Metabrom introduced. Dwelling is to be posted showing date of fumigation. Following fumigation, dwelling is to be ventilated for several hours until treated site is below 5 ppm (20mg/m3).

Subterranean termites in tunnels will not be controlled unless gas is introduced into those areas by a special procedure.

Insects Controlled: Termites, wood borers, and any other insects (cockroaches, spiders) in gas-tight fumigated dwelling. Metabrom will control all insects and trapped rodents within the treated structure.

Dosage Rates: See Table II and Booklet AM-319.

NOTE: Extinguish all flames, such as pilot lights and glowing heating units, to avoid fire hazard.

STRUCTURAL pest control and other sites including dwellings.

Remove the following materials from building before fumigation as they may develop undesirable odors: fur, high protein flour and cereals, horsehair articles, iodized salt, patent leather articles, rubber goods, sulfur containing compounds or synthetic detergents.

See Booklet AM-319 and Table II for specific dosage per 1,000 cu. ft., pests controlled and exposure time.

Soil Fumigation (See Table I)

II. SOIL FUMIGATION

Pests controlled are: Nematodes including root knot spp., *Tylenchulus*, *Pratylenchus*, *Xiphinema*, *Crotonoides*, and *Paratylenchus* on almonds, apples, apricots, cherries, citrus, grape vineyards, peaches, pecans, pistachios, plums, prunes, strawberries, tomatoes and walnuts.

Soil-borne fungi including *Pythium*, *Rhizoctonia*, *Phytophthora*, *Pyrenochaeta*, *Sclerotinia*, *Sclerotium*, *Armillaria*, and the clubroot organism, *Plasmodiophora*.

Weeds and weed seed, seeds, roots, stolons, and tubers of broadleaf weeds and grasses including quackgrass, annual bluegrass, broomrape, common lambsquarters, torpedograss and bermudagrass. Not effective against mallow, dodder, and some species of clover.

Insects in the soil at the time of treatment including wireworms, June beetle larvae, white grubs, and garden symphylan.

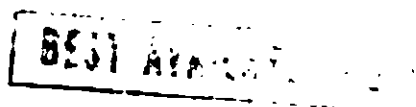
Pretreatment Soil Preparation

Plow or rip the soil to the depth of which effective treatment is required. The soil should be worked until free of clods or large lumps. Residue from previous crops should be worked into the soil to allow for decomposition prior to fumigation. Soil moisture should be optimum for seed germination. For best results soil should be kept moist for at least four days prior to treatment. Do not fumigate if the soil temperature is below 50°F. For best results, fumigate when soil temperature is 60°F to 90°F at the depth of 6 inches. Use the higher labeled rates for muck and heavy clay soils.

For overall application of ~~Metabrom 99~~ Metabrom 99 inject the product with a chisel type applicator having the chisels spaced no more than 12 inches apart and injecting the fumigant to a depth of 6-8 inches below the soil surface. The soil surface must be covered immediately after treatment with simultaneous firming equipment or by sealing with a roller or cult packer and covered within 20 minutes with polyethylene film or other suitable cover. Consult Table II for proper dosage. For row applications use the same dosage rates per acre as suggested in Table II. The actual amount used per acre, however, will be proportional to the actual area treated.

Field Fumigation

Raised Tarp Fumigation Method
Support the center of the cover to provide a small gas dome. Inflated plastic bags, crumpled fertilizer bags, burlap bags stuffed lightly with hay or straw, inverted baskets, flowerpots or bottles placed in the soil may be used for support.



E
R evaporating pans are essential for the volatilization and uniform dispersion of fumigant. Shallow pans or basins made of plastic or tin are satisfactory for this purpose.

1. Use one evaporator pan for each 300 to 400 square feet of area.
2. Anchor one end of each polyethylene tube into an evaporating pan with tape or a suitable weight. This ensures that the liquid will be directed into the evaporating pan.
3. Extend the free ends of the polyethylene tubes outside of the area to be covered.
4. After the supports and tubing are in place, cover the area to be fumigated with a gasproof cover of polyethylene or coated fabric film.
5. Foot on the cover with its edges in a prepared furrow or trench.
6. Seal six to ten inches of the outside edges with dirt. Tamp the dirt down so edges will not pull loose.
7. Attach a polyethylene tube to the cylinder and open the fumigant. Use a cylinder dispenser or scale to meter small amounts.

Hot Gas Method

The hot gas method consists of using a commercially manufactured heat exchanger or a copper coil immersed in a vessel containing hot water, to vaporize the fumigant before introduction.

This method may be useful where large amounts of fumigant are required and rapid vaporization is advantageous.

Dosage

Use one to two pounds of ~~Metabrom 100~~ Metabrom 99 per 100 square feet for an exposure period of 24

hours when soil temperature is 60°F or higher. Methyl bromide penetrates the soil to the depth it has been plowed or tilled. When soil temperature is between 50°F and 60°F, extend the exposure period to 48 hours. Do not treat when soil temperature is below 50°F.

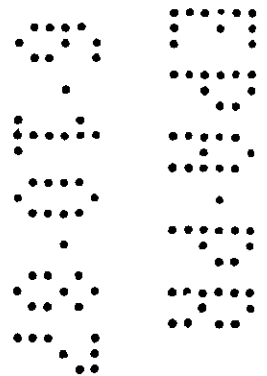
A. TREE SITE FUMIGATION DIRECTIONS (FOR USE IN FLORIDA ONLY)

Preplant or replant fumigation of citrus soil for control of *Phytophthora* and citrus nematodes in Florida sandy soils. Trees which are planted in this treated soil will not bear harvestable fruit for a period of at least 24 months. Apply with chisels spaced 12 inches apart to a depth of 6 to 8 feet. Seal fumigant with a drag or cultipacker following immediately behind chisels. Apply ~~Metabrom 100~~ Metabrom 99 at the rate of 1 pound per 100 square feet. Immediately cover with a 4 mil tarp and expose to fumigation for 96 hours. This treatment will control disease to a depth of 4 feet. Remove cover and aerate 2 weeks before setting transplants in treated area.

B. SPECIAL INSTRUCTIONS FOR THE CONTROL OF *ARMILLARIA MELLEAE* (OAK ROOT FUNGUS) ON DECIDUOUS FRUITS AND NUTS, CITRUS AND VINEYARDS

Preparation for Application

To obtain the maximum control of *Armillaria melleae* with ~~Metabrom 100~~ Metabrom 99, soil must be dry to a depth requiring treatment. This can be accomplished by (a) planting sudangrass in the spring irrigating until the grass has established itself, then withholding further irrigation; (b) naturally by allow-



ing plants to grow without irrigation. When soil is dry, cut and remove grass, plants and debris. Rip soil to a depth of 36 inches and disc to smoothness.

Dosage and Method of Application:

This is a preplant or replant treatment. Crops which are planted in this treated soil will not bear harvestable fruit for a period of at least 24 months. Methods and dosage of application are as follows. See Table.

1. **Non-Tarp Chisel Application:** After the soil has been properly prepared inject 400-570 pounds of ~~Metabrom 99~~ Metabrom 99 per acre by chisel application with 2 chisels spaced 48-56 inches apart to a depth of 24-30 inches. For non-tarp applications be sure to properly seal the chisel line which may be accomplished by the following equipment modifications:
Weld a wing behind the chisel 2 to 4 inches above the chemical outlet to break the chisel mark. Place a shovel behind the chisel at the soil surface to push dirt into the upper chisel mark. Follow with a cone-shaped press wheel with a shovel to pull additional soil into the chisel line. This is followed by a roller to press the soil even with the adjacent soil surface. This treatment will treat a strip 96 inches wide.
2. **Tarp Chisel Application:** After the soil has been properly prepared, apply 400-570 pounds of fumigant per acre by chisels spaced 48-56 inches apart and cover with adequate polyethylene film seal.
3. **Deep Injection Auger Probe Treatment:** Use one pound of ~~Metabrom 99~~ Metabrom 99 in light soils (two pounds in the textured soils) to a depth of 36 inches or more below the soil surface. Assume one injection site per 100 square feet (on a 10 ft. x 10 ft.

grid pattern) with the injection in the center of the area to be treated.

Exposure and Aeration Period

1. To insure the proper time-concentration relationship to control oak root fungus for chisel applications, we recommend a seven day exposure period before removing the polyethylene film cover and a one day interval with Deep Injection Auger Probe Treatment after which planting or replanting of trees, vines or other deep rooted crops may begin 14 days later.
2. ~~Metabrom 99~~ or Metabrom 99 will not usually control weed seeds under very dry conditions. However, some control may be observed on deep rooted perennials such as morning glory (bindweed) and rhizomes of Johnsongrass.

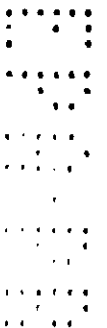
C. NON-TARP NEMATODE CONTROL

For control of nematodes (including *Meloidogyne* spp., *Xiphinema* spp., *Girardinomyces*, *Pratylenchus*, and *Paratylenchus*) on almonds, apples, apricots, cherries, citrus, grape vineyards, peaches, pecans, pistachios, plums, prunes, strawberries, tomatoes and walnuts.

Pretreatment Soil Preparation

Plow or rip the soil to a depth of which effective treatment is required. The soil should be worked until free of clods or large lumps. Residue from previous crops should be worked into the soil to allow for decomposition prior to fumigation. Soil moisture should be optimum for seed germination. For best results soil should be kept moist for at least four days prior to treatment. Do not fumigate if the soil temperature is below 50°F.

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For best results, fumigate when soil temperature is 60°F to 90°F at the depth of 6 inches. Use the higher fumigant rates for muck and heavy clay soils.

Dosage and Method of Application

This is a preplant or replant treatment. Do not apply to soil where trees or vines will bear harvestable fruit within 24 months. A waiting period of at least 14 days should be observed between application and planting. Methods and dosage of application are as follows:

1. **Chisel Application:** After the soil has been properly prepared, inject 400-872 pounds of ~~Metabrom 99~~ or Metabrom 99 per acre by chisel application with 2 chisels spaced 66 inches apart to a depth of 24-30 inches. For non-tarp applications, be sure to properly seal the chisel line which may be accomplished by the following equipment modifications: Weld a wing behind the chisel 2 to 4 inches above the orifice outlet to break the chisel mark. Place a shovel behind the chisel at the soil surface to push dirt into the upper chisel mark. Follow with a U-shaped press wheel with a shovel to pull additional soil into the chisel line. This is followed by a harrow to press the soil even with the adjacent soil surface. This treatment will treat a strip 66 inches wide.
2. **Deep Injection Auger For Treatment:** Use one pound of ~~Metabrom 99~~ or Metabrom 99 per injection site in lighter soils; two pounds of ~~Metabrom 99~~ or Metabrom 99 in fine textured soils. Use one injection site per 100 square feet (on a 10 ft x 10 ft grid pattern) with the injection in the center of the area to be treated. Tamp or compact the soil at the point of injection.

Metabrom 99 used with a tarp will not usually control most weed seeds. However, some control may be observed on deep rooted perennials such as morningglory (bindweed) and rhizomes of Johnson grass.

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TABLE I
METABROM 99 SOIL FUMIGATION USES

Treatment Site	Rate (lbs/A)	Exposure Time
Field Soils to be Planted to		
Tomato	180-240	24-48 hrs
Strawberry	180-240	24-48 hrs
Citrus & Deciduous fruits & Nuts (non-food)	400-870 ¹	24-48 hrs
& Nuts (non-food)	435-870 ²	24-48 hrs
Nursery Soils		
Turf	180-435	24-48 hrs
Ornamentals	180-435	24-48 hrs
Forest Tree Seedlings	180-435	24-48 hrs
Strawberry (non-food)	180-435	24-48 hrs
Greenhouse Soil (non-food crops, for Tomatoes, see rate above)	180-435	24-48 hrs
Seed or Transplant Beds (non-food)	180-435	24-48 hrs
Tobacco	872	24-48 hrs
Planting Mix	1 ¹ /Cu Yd	24-48 hrs

¹Deep injection application

²Topical application

Table 11
Metabrom 99

APPLICATION SUMMARY FOR STRUCTURAL PEST CONTROL AND OTHER SITES

Treatment Site	Pests	Rate		Dosage	Exposure
		Volume	lb/1000 cu ft		
Dwellings (Garages and Basins)	termites, drywood & dampwood beetles, wood borers, silverfish powder post beetle, death watch beetle, carpenter ants, rats, mice	less than 100,000 cu ft	1.3#	3#	24 hrs
		100,000-500,000 cu ft	1.3#	3#	24 hrs
		500,000-1,000,000 cu ft	1.3#	3#	24 hrs
Warehouses empty	cockroaches, rats, mice, confused flour beetle, rice weevil, granary weevil, sawtoothed grain beetle, rusty grain beetle, lesser grain borer			4.5#	12-18 hrs
				3#	24 hrs
Feed Rooms empty	weevil, sawtoothed grain beetle, rusty grain beetle, lesser grain borer			3#	24 hrs
Grain Bins	grain beetle, lesser grain borer			1.3#	24 hrs
Bags, Boxes and Crates (empty)	codelle, Khapra beetle, drugstore beetle, larder beetle, carpet beetle, copra beetle, coffee bean weevil, groundnut bruchid, common bean weevil, dried fruit beetle, golden spider beetle, Australian spider beetle, cigarette beetle, angoumois grain moth, Mediterranean flour moth, warehouse moth, Indian meal moth, common grain mite			2.3#	2 hrs

1

Table 11 (Continued)

Treatment Site	Pests	Rate		Dosage	Exposure
		Volume	lb/1000 cu ft		
Furniture	termites, drywood & dampwood beetles, cockroaches, silverfish powder post beetle, death watch beetle, carpenter ants, clothes moth, cigarette beetle, drugstore beetle, carpet beetle			1.3#	24 hrs
				2.3#	2 hrs
Lumber and Wood Products	termites, drywood & dampwood powder post beetle, round and flat headed borers, carpenter ants and bark beetles			1.3#	24 hrs
				2.3#	2 hrs
Greenhouses (empty)	mealybugs, scale, insects and mites			3#	4 hrs
Mushroom houses (empty)	mushroom flies			2#	24 hrs
Poultry Houses (empty)	poultry mites, bedbugs			2#	24 hrs

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Table II (Continued)

Treatment Site	Pests	Rate (#/1000 cu ft)	
		Volume	Dosage Exposure
Poultry houses	drugstore beetle, cigarette beetle, tobacco beetle, tobacco moth	2-3#*	48-72 hrs
		4#**	4 hrs
Baled Cotton	pink bollworm, boll weevil	3#**	24 hrs
		4#**	2 hrs

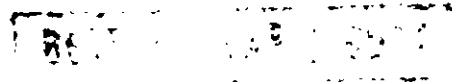
*At temperatures below 60°F, increase the dosage by 1/2 pound per 1,000 cu. ft. for every 10°F drop in temperature. Use an approved procedure to heat the fumigant. Do not fumigate when temperature is below 50°F.
 **For dwellings, do not use methyl bromide formulations containing 2% or more chloropicrin.
 * Atmospheric
 ** Vacuum Chamber (25-27%)
 NOTE: Remove food and feed commodities before fumigating dwellings.

TABLE #1 (Continued)

APPLICATION SUMMARY FOR STRUCTURAL PEST CONTROL AND OTHER SITES*

Treatment Site	Pests	Rate (#/1000 cu ft)	
		Volume	Dosage Exposure
Poultry houses (empty)	poorly mixed bedbugs		2# 24 hrs
Baled Tobacco	drugstore beetle, cigarette beetle, tobacco beetle, tobacco moth		2-3#(a) 48-72 hrs
			4#(b) 4 hrs
Baled Cotton	pink bollworm, boll weevil		3#(a) 24 hrs
			4#(b) 2 hrs

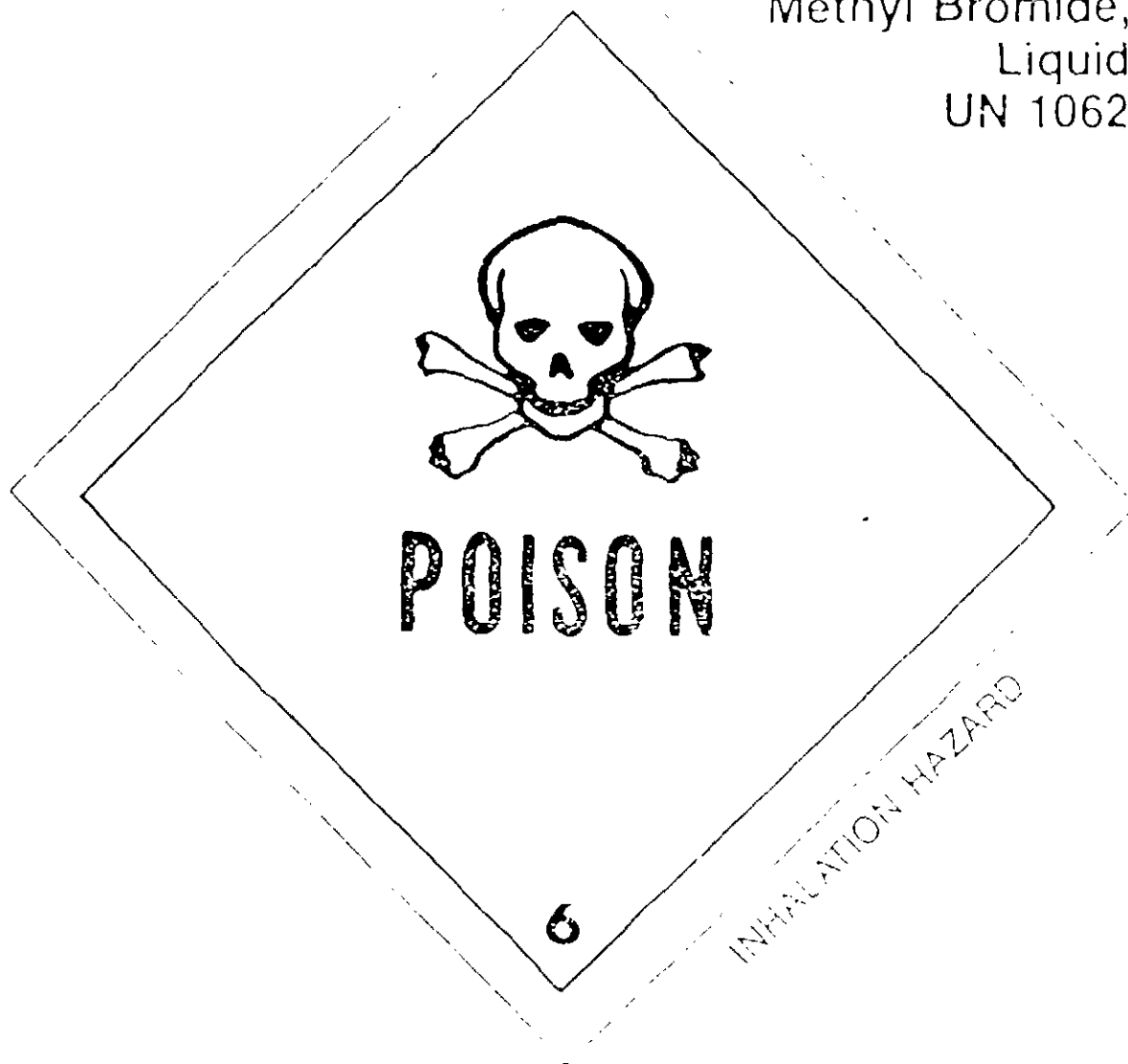
*At temperatures below 60°F, increase the dosage by 1/2 pound per 1,000 cu. ft. for every 10°F drop in temperature. Use an approved procedure to heat the fumigant. Do not fumigate when temperature is below 50°F.
 **For dwellings, do not use methyl bromide formulations containing 2% or more chloropicrin.
 (a) Atmospheric
 (b) Vacuum Chamber (25-27%)
 NOTE: Remove food and feed commodities before fumigating dwellings.



AmeriBrom, Inc.

NUMBER 99 (METHYL BROMIDE)
VOLUME 11, PAGE 1 OF 1

Methyl Bromide,
Liquid
UN 1062



Warranty. Seller 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.

Net contents:

LB. /

KG.

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