

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 100

ACTIVE INGREDIENT: **By Wt.**
METHYL BROMIDE100%
TOTAL100%

ACUTELY TOXIC CHEMICAL

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

KEEP OUT OF REACH OF CHILDREN



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.)

FIRST AID	
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN "Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage."	

EPA REG. NO. 8622-16 EPA EST. NO. 67545-AZ-01
 EPA EST. NO. 15298-IS-01
 EPA EST. NO. 29516-FL-04
 EPA EST. NO. 29516-NC-01
 EPA EST. NO. 5785-CA-01
 EPA EST. NO. 7747-CA-01

Ameribrom, Inc. **IN CASE OF EMERGENCY CONTACT:**
 2115 Linwood Ave. **CHEMTREC (800) 424-9300**
 Fort Lee, NJ 07024 or
 Telephone: (201) 242-6560 AMERIBROM WEST
 Fax : (201) 242-6561 5419 SANTA CLARA AVE.
CAMARILLO, CA 93010
TELEPHONE: (805) 988-9719 (CA)

AB04-Rev.5 Net contents: _____ LBS./ _____ KGS. 3-02

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.

Methyl bromide vapor is odorless and non-irritating to skin and eyes during exposure. Exposure to toxic levels may occur without warning or detection by the user.

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 other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local 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 clothing 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 full face shield or safety glasses with brow and temple side shields (DO NOT WEAR GOGGLES) 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 disposal. Store cylinders upright, secured to a rack or wall to prevent tipping. Cylinders should not be subjected to rough handling or mechanical shock such as dropping, bumping, dragging or sliding. Do not use rope slings, hooks, tongs, or similar devices to unload cylinders. Transport cylinders using hand 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. Do not contaminate water, food, or feed by disposal.

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.

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 precautions 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).

THIS PRODUCT IS TO BE USED for control of pests in stored or residual food products, agricultural commodities and other materials and products as specified on this label. This product is to be used for these purposes ONLY IN: (a) enclosed spaces and structures that are intended or used for processing, transportation, handling, or storage of feed products, agricultural commodities or other materials and products identified on this label; (b) enclosed spaces and structures in which food products, agricultural commodities, or other materials and products identified on this label have been processed, transported, handled or stored; and, when this product is used for the foregoing purposes, (c) associated storage areas, work areas and food service facilities (such as employee cafeterias and test kitchens). DO NOT USE THIS PRODUCT IN residential structures or in food service facilities (such as public restaurants) other than those described above, or for any purposes other than those described above.

PRECAUTIONS FOR USAGE for fumigation of raw and processed foods:

When used for fumigation of enclosed spaces containing raw and processed foods such as warehouses, grain bins or elevators, vaults, chambers, vans, boxcars, ships and other transport vehicles and tarpaulin-covered areas or commodities, 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).

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

Specific Directions for use on commodities and structures or vehicles, ships, etc., are given in the Product Manual No. AM-210.

PLACARDING REQUIRED

The applicator (or supervisor of the application) must placard or post all entrances to the fumigated area with signs bearing, in English and Spanish:

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

Do not remove a placard until the treated commodity is completely aerated. To determine whether aeration is complete, each fumigated site or vehicle must be monitored and shown to contain less than 5 ppm methyl bromide in the air space around and, when feasible, in the mass of the commodity. If less than 5 ppm methyl bromide is detected, the placard may be removed. However, if 5 ppm or greater methyl bromide is detected the placard must be transferred with the commodity to the new site. Workers who transfer or handle incompletely aerated commodity must be informed and appropriate measures must be taken (i.e. ventilation or respiratory protection) to prevent exposures from exceeding 5 ppm or greater of methyl bromide.

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

COMMODITY FUMIGATION INSTRUCTIONS

Dosage: The usual dosage rate for each 1,000 cu. ft. will range from 1 to 6 lbs., 12 to 24 hours exposure, depending on tightness of structure and kind and amount of commodity in storage.

Rats and Mice: Metabrom 100 applied by this treatment will kill rats and mice that are exposed to the gas.

Consult Product Manual No. AM-210 for further use and safety information. See Table I and II for commodity, insects controlled, dosage and exposure time.

TABLE I COMMODITY AND DOSAGE RATE FOR STORED PRODUCTS PESTS INFESTING RAW AGRICULTURAL COMMODITIES (NOT PROCESSED FOOD)¹

Commodity	Insects controlled	Tolerance (ppm)	Dosage (lbs./1000 cu. ft.)	Exposure Time (hrs.)
Almonds	Confused flour beetle, saw toothed grain Beetle,	200	3½	24
Brazil Nuts	dermestids, Indian meal moth, rice weevil, Khapra beetle,	200	3½	24
Bushnuts	drugstore beetle, cigarette beetle,	200	3½	24
Butternuts	warehouse moth, rusty grain beetle, cadelle,	200	3½	24
Cashews	groundnut bruchid.	200	3½	24
Chestnuts		200	6	6
Chestnuts		200	3½	24
Filberts		200	3½	24
Hickory Nuts		200	3½	24
Peanuts		200	3½	24
Pecans		200	3½	24
Pistachio Nuts		200	3½	24
Walnuts		200	3½	24
Apples	Oriental fruit moth, codling moth, apple maggot,	5	5	2
Apricots	apple curculio, twig borer, melon fruit fly,	20	5	2
Cherries	Mediterranean fruit fly, Oriental fruit fly, cherry fruit fly,	20	5	2
Nectarines	brown mite, green peach aphid, scales thrips.	20	5	2
Peaches		20	5	2
Pears		5	5	2
Plums		20	5	2
Quinces		5	5	2
Strawberries		60	2-3	3-4
Prunes	Coffee bean weevil, Australian spider beetle, saw toothed and merchant grain beetles, dried fruit beetles, Indian meal moth, confused flour beetle, drugstore beetle, warehouse moth, common grain mite.	20	5	2
Barley	Grainy weevil, lesser grain borer, rusty grain beetle, angoumois grain moth, Indian meal moth,	50	5	12
Corn	confused flour beetle, rice weevil, saw toothed grain beetle.	50	2	24
Oats		50	3	24
Popcorn		240	1½	2(a)
Rice	Lesser grain borer, cadelle, Khapra beetle, drugstore beetle, Australian spider beetle,	50	6	12(b)
Rice	cigarette beetle, warehouse moth, common grain mite, flat grain beetle, Mediterranean flour moth,	50	3	24
Rye	red flour beetle, common bean weevil, copra beetle.	50	3	24
Rye		50	6	12(b)
Sorghum (gn)		50	4	24
Dried Peas		125	4	24
Wheat		50	3	24
Copra		100	2½	24

Beans (all)	Armyworms, cabbage looper, European corn borer, Japanese beetle, pod borers, Oriental fruit fly, Mediterranean fruit fly, corn earworm,	50	3½	24
Beets (roots)	green stink bug, sowbugs, spider mites,	30	3	4
Cabbage	cabbage maggots, lygus bug, melon aphid,	50	4	4(d)
Cantaloupe	pickelworm, carrot rust fly, stink bug, bean leaf beetle, Mexican bean beetle, diabrotica beetle,	20	2½	2
Carrots	cucumber beetle, squash bug, false chinch bug, loopers, symphylans, blister beetles, onion maggot, onion thrips, mealybugs.	30	4	4
Citron		30	3	2
Cucumbers		30	2½	4
Eggplant		20	3	4
Honeydew Melons		20	2½	2
Jerusalem Artichokes		30	3½	4

Muskmelons	Pepper maggot, Colorado potato beetle, potato psyllid, squash bug, squash vine borer, earwigs, darkling beetle.	20	2½	2
Okra		30	3½	2(c)
Onions		20	3	6
Parsnips (roots)		30	3	4
Peas (with pods)		50	3	2
Sweet Corn		50	3	4
Peppers		30	4	2
Pimentos		30	2½	3
Pineapples		20	2	4
Potatoes		75	3	6
Pumpkins		20	2½	2
Radishes		30	3	4
Rutabagas		30	3	6
Squash (summer)		30	4	2
Squash (winter)		20	4	2
Squash (zucchini)		20	2½	3
Sugar Beets (roots)		30	3	4
Sweet Potatoes		75	3½	4
Tomatoes		20	3	4
Turnips (roots)		30	3	4
Watermelons		20	2½	2
Yams		30	3½	4

Grapefruit	<i>Anastrepha spp., proeulia spp., leptoglossus spp., megalometis spp., naupectus spp., listroderes spp., conoderus spp., brevipalpus spp.</i> , ants,	30	3	2
Grapes	aphids, citrus scale, citrus mites, leaf rollers, white flies, thrips, California orange clog, mealybugs, orange tortrix.	20	4	2
Kumquats		30	3	2
Lemons		30	3	2
Limes		30	3	2
Oranges		30	3	2
Ranges		30	3	2
Tangelos		30	3	2
Tangerines		30	3	2

(1) Consult APHIS Treatment Manual for additional rates and commodities.	
(2) Tolerance of fruit to methyl bromide may vary with different varieties. Check with local authorities or Ameribrom, Inc. before treating.	
(a) Chamber fumigation.	
(b) Khapra beetle quarantine.	
(c) Pink bollworm quarantine.	
(d) Must be used in accordance with the plant quarantine program of the USDA.	

Apples (dried) (d)	Saw toothed beetle, merchant beetle, dried fruit beetle, Indian meal moth, confused flour beetle,	125	1-1½	24
Apricots (dried) (d)	Australian spider beetle, cigarette beetle,	125	1-1½	24
Cherries (dried)	warehouse moth, common grain mite, coffee bean weevil.	125	1	24
Dates (d)		125	1-1½	24
Figs (dried) (d)		250	1-1½	24
Peaches (dried) (d)		125	1-1½	24
Prunes (dried) (d)		125	1-1½	24
Raisins (dried) (d)		125	1-1½	24
Cheese (parmesan and roquefort)	Cheese mite, cheese skipper, cheese Maggot.	325	1-2	12-24
Eggs (dried)	Larder beetle.	400	1-2	12-24
Ham Houses	Cheese skipper, larder beetle, red legged ham beetle, mites.	325	1-2	12-24

TABLE II COMMODITY AND DOSAGE RATE FOR PROCESSED FOOD

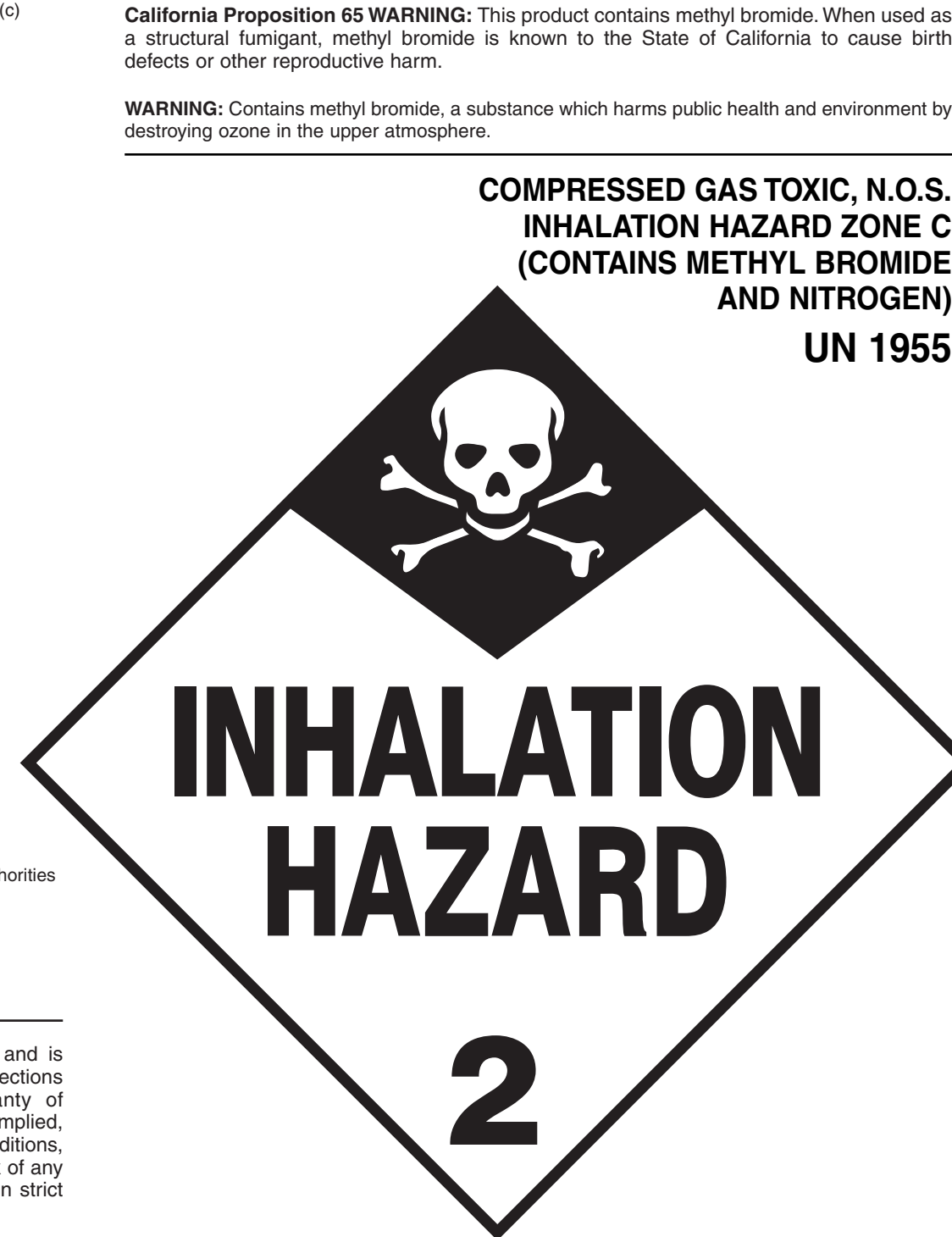
Commodity	Insects controlled	Tolerance (ppm)	Dosage (lbs./1000 cu. ft.)	Exposure Time (hrs.)
Processed Foods	Saw toothed beetle, flat grain beetle, flour beetle, cigarette beetle, Indian meal moth.	125	1-2	12-24
Processed Grain (a)	Confused flour beetle, rice weevil, granary weevil, saw toothed grain beetle, rusty grain beetle, lesser grain borer, cadelle, Khapra beetle, drugstore beetle, Australian spider beetle, cigarette beetle.	125	1½	24
Processed Grain (b)	Flour beetle, saw toothed grain beetle, Mediterranean flour moth.	125	1-2	12-24
Processed Grain (c)	Flour beetle, grain beetle, mealworms, cigarette beetle, Indian meal moth.	125	1½	24
Spices And Herbs (dried)	Saw toothed beetle, flat grain beetle, cigarette beetle, <i>trogoderma spp.</i> , Indian Meal moth, dried fruit beetle, Australian spider beetle, warehouse moth, confused Flour beetle, rusty grain beetle, lesser grain borer, drugstore beetle.	400	3	12
Cipolini Bulbs	Exosoma lusitanica.	50	4	4
Cocoa Beans	Coco moth, cigarette beetle, confused flour beetle, warehouse moth, flat grain beetle, coffee bean weevil.	50	1½	12 (a)
Cotton Seed	<i>Pectinophora spp.</i> , Khapra beetle, boll weevil, saw toothed grain beetle.	200	8	24(b)(c)
Horseradish (roots)	Baris lepidi.	30	3	4
Garlic	<i>Brachycera spp.</i> , duspessa ulula, brown wheat mite, onion maggot, onion thrips.	50	3	4
Salsify Roots	Armyworm, flea beetle, leaf hoppers, stinkbugs, tarnished plant bug.	30	3	4
Hay (alfalfa)	Alfalfa weevil, cereal leaf beetle.	50	3	24

(a) Corn grits and cracked rice.	
(b) Processed grain from equipment fumigation.	
(c) Processed grain used in production of fermented beverages.	
(d) Use 1½ Lbs. / 1000 cu. ft. with temperature between 50-59°F and 1 Lb. /1000 cu. ft. when over 60°F.	

California Proposition 65 WARNING: This product contains methyl bromide. When used as a structural fumigant, methyl bromide is known to the State of California to cause birth defects or other reproductive harm.	
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WARNING: Contains methyl bromide, a substance which harms public health and environment by destroying ozone in the upper atmosphere.	
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COMPRESSED GAS TOXIC, N.O.S. INHALATION HAZARD ZONE C (CONTAINS METHYL BROMIDE AND NITROGEN) UN 1955



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