Methyl Bromide 100
COMMODITY FUMIGANT

ACTIVE INGREDIENT: Methyl Bromide

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.

CHEMICAL HAZARD
• Methyl bromide is practically nonflammable. There is no danger from fire or explosion in usual agricultural application. Methyl bromide is poisonous, and any contact with it is dangerous; however, it has a distinctly disagreeable odor when encountered in fumigated areas and should be removed from the space being fumigated:
  - Foodstuffs: (a) hot food; (b) Full-fat oil; (c) Any liquids that contain rapidly deteriorating carbohydrates or fats; (d) Automobiles; (e) Apparatus, soaps, and similar objects; and (f) Some salt blocks used for cattle licks.
  - Rubber: (a) Butyl rubber; (b) Foam rubber, as in rug padding, pillows, cushions, and mattresses; (c) Rubber stamps and similar products of natural rubber; (d) Furs, horsehair, and piloues (especially feather pillows).
  - Leather goods (particularly white kid or any other leather goods tanned with sulfur processes).
  - Workers extra caution should be used in the fumigation of any angora wools, and some adverse effect has been noted on the fumigation of woolen suits, coats, gloves, hand-knit worsted socks, sweaters, shawls, and woven blankets.

• No respirator is required, if the air concentration level of methyl bromide in the working area is measured to be 5 ppm or less.
• A respirator is required if the air concentration level of 5 ppm of methyl bromide is exceeded at any time. The respirator must be one of the following types:
  - supplied-air respirator (NIOSH/MSHA approved number prefix TR-1) or (b) a self-contained breathing apparatus (SCBA) (NIOSH/MSHA approved number prefix TC-1).

WORK SAFETY REQUIREMENTS
• Do not wear jewelry or loose clothing. Keep nuts, bolts, or other metal objects away from machinery.
• Do not eat, drink, chew gum, or smoke while working. Keep area free of food, pet food, and empty food containers.
• Keep work area clean and free of clutter.
• Keep fumigant and related equipment out of reach of children.
• Keep work area free of sparks and other sources of ignition.
• Immediately after contamination, remove outdoor clothing, shoes and socks, and do not reuse until thoroughly washed or sanitized. Keep such clothing and shoes outdoors until thoroughly aerated. Then follow the PPE manufacturer’s instructions for cleaning/maintaining PPE. Flax, linen, or woolen materials are not suitable for washing with grease detergent and hot water. Keep and wash PPE and work clothing separately from other laundry.
• Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product.

PERSONAL PROTECTIVE EQUIPMENT
• Follow PPE manufacturer’s instructions for cleaning/maintaining protective eyewear and respirators.

NOTE TO PHYSICIAN
• If there is a question whether a material may develop an odor; a test fumigation may be run with a small quantity of the material.

USER SAFETY RECOMMENDATIONS
• Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Remove clothing immediately if pesticide gets on clothing. 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.

ENVIRONMENTAL HAZARD
• 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. Responsible authorities have made the necessary approvals 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, a Dräger testing center, or an environmental compliance agency as necessary to determine the necessity of discharging waste water containing this pesticide.
• Monitor area immediately surrounding the fumigation site with a directed reading detection device (i.e., Dräger tube/pump) during exposure and aeration periods to establish the air concentration level of methyl bromide is measured to be 5 ppm or less. Any material that may contain reactive sulfur compounds.
• Any materials that may develop an odor, a test fumigation may be run with a small quantity of the material.

PLACING OF FUMIGATED AREAS
The application of this product may result in an odorous condition when the application is complete. If the product is an aerosol, the spray may cause a disagreeable odor which may carry considerable distance.

NOTE TO PHYSICIAN
• It is a violation of Federal Law to use this product in any manner which is contrary to the labeling. 

GENERAL PRECAUTIONS
• The user must take all precautionary measures to safeguard public health and the environment. The product is considered hazardous as a Class III of the U.S. Department of Transportation (DOT) Hazardous Materials Regulations (49 CFR). The product may cause serious injury or death to humans and animals if not handled with care and knowledge.

CONSUMER USE: This product is not to be used by the general public for non-agricultural uses.

CONSUMER/USER GUIDELINES
• In the event that a person is not breathing, call 911 or an ambulance, then give artificial respiration.
• In the event that the person is not breathing and the person is not breathing, call 911 or an ambulance, then give artificial respiration.

REFERENCES
• All use of this product must be submitted to the EPA. The user may be held responsible for any violation of Federal Law.

IN CASE OF EXPOSURE: Get medical attention immediately. Take the person to a doctor or to an emergency treatment facility.
SPECIAL PROCEDURES FOR SHIP FUMIGATION

**PREPARATION FOR SHIP FUMIGATION**
1. Before fumigation, spaces must be sealed off to prevent the escape of fumigant. Once the structure is occupied, it should be checked frequently with a suitable gas detector to ensure the safety of the occupants.

**MONITORING, AERATION AND REENTRY**
1. At the end of the exposure period, remove all seals and open all doors and windows to allow for ventilation.

**DRAG GAS DETECTOR, BENDIX GASTECH DETECTOR**
1. This detector is used to detect the concentration of methyl bromide present. The following table provides information on the flame color and concentration of methyl bromide present.

**HALIDE LAMPE DETECTOR**
1. This detector is used to detect the concentration of methyl bromide present.