

# DANGEROUS POISON

AVAILABLE TO AUTHORIZED PERSONS ONLY

KEEP OUT OF REACH OF CHILDREN

## AGFUME M.B.

ACTIVE INGREDIENT:

1000g/kg methyl bromide in the form of gas.

REGISTERED AND DISTRIBUTED BY  
AGRICULTURAL FUMIGATIONS LTD  
8 BOLDERWOOD PLACE, WIRI, MANUKAU  
PHONE: (09) 278 0484

IN CASE OF EMERGENCY CONTACT:  
EMERGENCY SERVICES DIAL 111

NATIONAL POISONS CENTRE, DUNEDIN.  
TEL 0800 POISON (0800 764 766)

UN NO: 1062 CLASS 2.3 HAZCHEM: 2XE

**WARNING:**

Flammable gas. May be fatal if inhaled. Toxic if swallowed. Causes severe skin burns and serious eye damage. Suspected of causing genetic defects, damaging fertility or the unborn child. Causes damage to organs. Very toxic to aquatic life, in the soil environment and terrestrial invertebrates. Toxic to terrestrial vertebrates.

**PRECAUTIONS:**

Keep out of reach of children. Read label before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid release to environment except for ventilation of fumigation space. Keep away from heat, sparks, open flames and hot surfaces. Do not breathe gas. Use only outdoors or in a well-ventilated area. Wear respiratory protection equipment (RPE) and protective overalls, non rubber boots, non rubber gloves and chemical goggles. Wear full mask respirator for protection from organic vapours when releasing gas and when aerating following fumigation. Use halide leak detector when determining thoroughness of aeration following fumigation. Wash skin thoroughly after handling.

**STORAGE:**

Store locked up in a well-ventilated secure place. Ensure valve is closed completely.



## FLAMMABLE GAS



CHRONIC TOXIC

ECOTOXIC

NET CONTENTS: 50kg/100kg

**DIRECTIONS FOR USE:**

A powerful broad spectrum fumigant for industrial use. Fumigation may only be carried out in a place that is secured against ready access by unauthorized persons. Methyl bromide may only be applied in an enclosed space. Remove the following materials from building as they may develop undesirable odours: furs, high protein flour and cereals, horsehair articles, iodized salt, patent leather articles, rubber goods, sulphur containing compounds or synthetic detergents. Localised fumigation should be sealed with a heavy duty polyethylene sheet. Containers must not be moved during the fumigation.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the New Zealand (Maximum Residues Limits of Agricultural Compounds) Food Standards.

Product must be under the personal control of an Approved Handler with a Controlled Substance Licence for Methyl Bromide. BY LAW: This product must only be used as specified on the label.

The fumigant may be used in warehouses, fumigation of vaults, food and cereal mill, ships and bulk grain storage. Do not fumigate if grain moisture is high, or if grain temperatures are low (below 15°C).

INSECTS CONTROLLED: Granary Weevil, Grain Beetle, Rice Weevil, Mites, Bran Bugs, Grains Borers, Meal Worms, Indian Meal Moth. Kills insects in all life stages.

KILLS RATS AND MICE IN FUMIGATION AREA.

SPACE FUMIGATION: The usual dosage rate for each 28 cubic metres will range from ½ - 1½kg, 12-24 hours exposure, depending on tightness of structure and kind and amount of commodity storage. BULK GRAIN DOSAGES RATES: Grain temperature must be above 18.3°C.

Shelled Corn	---	1kg each 28 cubic metres
Wheat (similar small grains)	---	1½ kg each 28 cubic metres
Milo (grain sorghum)	---	2kg each 28 cubic metres

**TOLERABLE EXPOSURE LIMITS:**

It is the responsibility of the Approved Handler who applies the product and the person in charge of the site to ensure the TELs are not exceeded in the air at the boundary of the buffer zone.  
TEL<sub>air</sub> (chronic, annual average): 0.0013ppm (0.005mg/m<sup>3</sup>)  
TEL<sub>air</sub> (24 hour): 0.333 (1.3 mg/m<sup>3</sup>)  
TEL<sub>air</sub> (1 Hour): 1ppm (3.9 mg/m<sup>3</sup>)

**MINIMUM BUFFER ZONES:**

Correct Buffer Zone management must be applied by both the person in charge of the site and the person using the product, The person who applies the methyl bromide must ensure that correct signage is displayed at all buffer zone access points.

USE	Minimum buffer zones (in metres)
Ship's hold (1000kg or more of methyl bromide applied per site in any 24 hour period)	100
Ship's hold (less than 1000kg less methyl bromide applied per site in any 24 hour period)	50
Fumigation under sheets/tarps	50
Containers (total volume of 77m <sup>3</sup> or more in any 60 minute period)	25
Containers (total volume of less than 77m <sup>3</sup> in any 60 minute period)	10

**AIR QUALITY MONITORING AND REPORTING:**

Air quality monitoring and reporting of data must be carried out to ensure compliance with the 24 hour or annual average TEL value. An annual report is required for sites using >500kg/year of Methyl Bromide.

**NOTIFICATION OF FUMIGATIONS:**

Notification must be made at least 24 hrs prior to the start of the fumigation to relevant authorities. To the occupants of each property within 25m of the site to where the fumigation is to take place; to the person in charge of the site and the NZ Fire Service. To the occupants of each property, including moored boats, within 100m of the fumigation when more than 100kg of Methyl Bromide is intended to be used.

**SYMPTOMS OF POISONING:**

Visual disturbances, numbness to extremities, nausea, giddiness, vomiting, weakness, drowsiness.

**FIRST AID:**

If exposed remove victim to fresh air immediately, have person lay down, keep at rest and warm. Contact Emergency Services (DIAL 111) for immediate medical attention. Have product label and Safety Data Sheet available. If breathing stops or is laboured, give artificial respiration using a suitable mechanical device such as a bag and mask or administer oxygen.

**DO NOT USE MOUTH-TO-MOUTH RESUSCITATION**

For skin contact, immediately remove any clothing including footwear, gloves, adhesive or other bandages that may have become contaminated with the fumigant. Flood contaminated skin with water then wash thoroughly. If irritation or blistering develops, seek immediate medical attention. If eyes affected, flush with running water for at least 15 minutes. Seek immediate medical attention.

**SPILLAGE:**

Evacuate all those not wearing appropriate RPE. Eliminate all ignition sources if safe to do so. Ventilate area. In event of TEL<sub>air</sub> being exceeded, notify the Department of Labour and local Medical Officer of Health.

**DISPOSAL:**

Return all empty cylinders to the supplier, with safety caps and valve protection bonnets intact. Do not dispose of or reuse for any other use. In case of partially full cylinders contact supplier.

BATCH NUMBER \_\_\_\_\_

EXPIRY DATE \_\_\_\_\_

DATE OF MANUFACTURE \_\_\_\_\_

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