

**Infopest verifies that this label is consistent with the
NRA Approved Text Label**

**DANGEROUS POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

CHEMAG FOSTOXIN FUMIGATION TABLETS

ACTIVE CONSTITUENT :
570 g/kg ALUMINIUM PHOSPHIDE developing 330 g/kg PHOSPHINE (PH₃)
(Each 3g tablet releases 1g Phosphine)

FOR CONTROL OF INSECT PESTS OF STORED PRODUCTS

- (a) Control of Adults and all immature stages of the stored product pests :
- (b) Angoumois grain moth, bean weevil, cadelle, cigarette beetle, coffee bean weevil, confused flour beetle, dried fruit beetle, flat grain beetle, merchant grain beetle, granary weevil, Indian meal moth, Lesser grain borer, maize weevil, Mediterranean flour moth, mottled grain moth, psocids, raisin moth, red-legged ham beetle, rice weevil, rust red flour beetle, sawtoothed grain beetle, skin & hide beetles, spider beetle, stored product mites, tobacco moth, tropical warehouse moth, warehouse beetle.
- (c) (b) Treatment for the above pests at the rates specified will kill any cockroaches, rats and mice present.

300g / 1.5kg NET
Contains one hundred round Tablets / Contains five hundred round Tablets

NRA Approval No : 49398/0100

[CHEMAG LOGO]
ChemAg Pty Ltd
Suite 12, 11 Preston Street, COMO, WA, 6152
Tel (08) 9474 4677

Batch No. :
Date of Manufacture :

DIRECTIONS FOR USE : (ALL STATES)

RESTRAINTS :

DO NOT use when commodity temperature is less than 15°C or the relative humidity within the structure is less than 25% or with raw cereal grains when the moisture content is less than 9%.

DO NOT heap tablets.

DO NOT apply as a surface only treatment in a structure whose height exceeds twice its width

DO NOT use on any commodity, empty containers, railcars or vessels that are in transit during exposure or ventilation.

DO NOT fumigate inhabited buildings.

COMMODITY	STRUCTURES/ ENCLOSURES (see note 1)	APPLICATION (see note 2)		MINIMUM EXPOSURE PERIODS (see note 3)
		Basic Rate g Phosphine per m ³	DOSAGE	
Raw cereal grains (such as barley, maize, millet, oats, rice, rye, sorghum, triticale, wheat) and other food commodities (such as flour and other milled cereal products, breakfast cereals, dried fruits, dried vegetables, other dried foods, peanuts, oilseeds, cocoa and coffee beans); and seeds for propagation and bulk stockfeeds	All well sealed structures	1.5	3 tablets / 2m ³	(a) 10 days when commodity temperature is 15oC to (b) 25oC. 7 days when commodity temperature is above 25oC (b) 20 days for surface only applications in structures greater than 375m ³ capacity (e.g. 300 tonnes)
	Small structures / enclosures of less than 300 tonnes (375m ³) capacity which cannot be well sealed:- • Bolted steel silos, horizontal sheds, bag stacks under plastic sheeting	5	5 tablets / m ³	
	• Open-topped concrete silos without plastic sheeting.	2.5	5 tablets / 2m ³	
Raw cereal grains (as above)	Well-sealed plastic-covered storage's of not less than 1000 tonnes capacity.	0.6	3 tablets / 5m ³	20 days
Tobacco	Bales, hogsheads, cases in well-sealed fumigation enclosures	1.5	3 tablets / 2m ³	7 days
	Well sealed empty warehouses, elevators, stores etc.			10 days when temperature is 15oC to 25oC 7 days when temperature is above 25oC

NOTES

Note 1 These specified rates, exposure periods, surface treatment restrictions, etc are valid for structures in which gas circulation is by convective movement only, including fumigation chambers; well-sealed silos or sheds or buildings; and other fumigation enclosures made gas-tight with gas-proof sheeting. "Well-sealed" means sealing by approved methods. (See e.g. SCA Ent. Committee "Dosage Recommendations for the Fumigation of Grain with Phosphine" page 2) i.e. permanent sealing of porous surfaces, seams, cracks and temporary sealing of intake and/or outlet valves, doors, windows and hatches.
Structures which cannot be well-sealed should not be treated by surface only application.

NOTE: STRUCTURES GREATER THAN 375m³ (300 TONNES) CAPACITY ARE EXPECTED TO BE WELL-SEALED. IF THEY ARE NOT, FUMIGATION MAY GIVE INADEQUATE CONTROL.

Note 2 Phosphine application rates are based on the internal volume of the structures to be fumigated: they apply equally to fully or partly-filled or empty structures, and they apply to all commodities. Commodity equivalent rates (g/tonnes) should only be used when the commodity stowage factor is known, they apply only when the storage structures are full or nearly full or when part-filled structures are dosed on the tonnage equivalents of their internal volumes. The calculated commodity equivalent doses must be based on the rate per volume.

Note 3 Minimum exposure periods should start from the time of completion of application; e.g. the time taken to fill a storage with grain dosed with CHEMAG FOSTOXIN FUMIGATION TABLETS is not part of the exposure period

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER THE APPROPRIATE LEGISLATION.

WITHOLDING PERIOD : ALLOW A PERIOD OF 2 DAYS AFTER COMPLETION OF VENTELATION BEFORE USING TREATED COMMODITIES FOR HUMAN CONSUMPTION OR FOR STOCKFEED. TREATED COMMODITIES MAY BE SAFELY TRANSPORTED AFTER COMPLETION OF THE RECOMMENDED VENTILATION PERIOD.

GENERAL INSTRUCTIONS :

The use of CHEMAG FOSTOXIN FUMIGATION TABLETS should not present a hazard to the operators provided they work in accordance with the national Health & Medical Research Council's "Code of Practice for the fumigation of Grain with Phosphine".

Protect by sealing or otherwise sensitive electrical and electronic equipment(meters, switches, fire alarm systems, etc.) containing copper/copper alloy components, photographic film or copy paper. Phosphine corrodes copper-based materials.

Show the following warning signs prominently at all approaches to every fumigation site:

"DANGER - POISON GAS - KEEP AWAY". DO NOT enter fumigation areas until measuring device(s) indicate that they are free of phosphine. The use of gas detection tubes or other measuring devices is recommended for monitoring gas levels in fumigation areas.

Keep animals, children and unauthorised persons away from the area under treatment until the area is shown to be free from phosphine as indicated by a gas measuring device.

DO NOT apply as a surface only treatment (a) if the structure is not well sealed, or (b) if the headspace of a structure whose height exceeds twice the width is less than 10% of the internal volume and its temperature will exceed 45°C.

Recommended exposure should be observed. A shortened exposure period cannot be compensated for by increased dosage.

FUMIGATION OF COMMODITIES IN BULK STORAGEES; Depending on the commodity. add the tablets evenly (preferably by automatic dispenser) to the commodity stream on the conveyor or at receipt or when turning into the silo or bin; or

- probe the tablets into the bulk surface at spacing's of 1.2 or 1.5m apart in a grid pattern, dropping the tablets at intervals down the probe as it is being withdrawn (the number of tablets per probing is calculated by dividing the total number of tablets required by the number of probing's needed);

or

- place the tablets spaced from each other on non-flammable trays/sheets which are evenly spread on the commodity surface.

FUMIGATION OF COMMODITIES IN BAGS, PACKAGES, BALES, CASES AND STACKS UNDER GAS-PROOF SHEETING, OR IN ENCLOSURES WHICH ARE MADE GAS TIGHT. place CHEMAG FOSTOXIN FUMIGATION TABLETS spaced from each other on non-flammable sheets/trays evenly distributed between and/or alongside stacked commodities in a manner that allows free circulation of gas. Where gas-proof sheeting is used its edges are sealed to the ground in a gas tight manner after application

SPACE FUMIGATION

Place CHEMAG FOSTOXIN FUMIGATION TABLETS spaced from each other on non-flammable sheets/trays evenly spread in the enclosure, with the application starting at the furthest point from the exit door. Ensure that the enclosure is made gas-tight. Lock and seal the exit door after application.

PROTECTION OF LIVESTOCK, WILDLIFE AND OTHERS: This product is highly toxic to wildlife. Dangerous to fish. DO NOT contaminate dams, rivers, streams, waterways or drains with this pesticide or its empty containers.

STORAGE AND DISPOSAL: Store in a cool, dry, well ventilated locked area, out of reach of children or unauthorised persons and away from all dwellings. Keep away from water and liquids. Water and many liquids cause immediate release of phosphine from CHEMAG FOSTOXIN FUMIGATION TABLETS. The product should never be used under conditions which would allow the gas concentrations to reach the lower level of flammability which is 1.79% by volume (17,900 parts per million). When used according to the label directions the amount of gas produced remains far below the flammability level. Never confine the product in a small gas-proof enclosure such as plastic bags. Such confinement could cause the gas concentrations to reach the lower flammability level. After fumigation with CHEMAG FOSTOXIN FUMIGATION TABLETS on trays / sheets remove the spent tablets and ensure residual phosphide is destroyed before disposal e.g. by swamping with dilute acid or soapy water in open air until bubbling ceases. Disposal of the "dust" remaining after space fumigation must be carefully and properly done. Triple rinse containers with soapy water to ensure residual phosphide is destroyed, crush the containers and cover them and the spent tablets with 50cm of soil at a municipal or private sanitary landfill tip that does not burn its refuse. Do not carry opened containers within the passenger compartment of a vehicle.

FLAMABILITY : Flammable. Keep away from naked flame.

SAFETY DIRECTIONS : Very dangerous. Can kill if swallowed. Product releases dangerous phosphine gas slowly in moist air and immediately if wet. Can kill if inhaled. Do not inhale vapor. Avoid contact with eyes and skin. Do not inhale dust. Open container in the open air. Keep away from water and liquids. Keep away from naked flame - forms toxic gas. Use the entire contents in one operation; if not possible, seal thoroughly with waterproof adhesive tape or air tight closure. When opening the container or using the product wear elbow length PVC gloves. If dispensing by hand, wear full-face respirator with combined dust and gas cartridge (canister) or breathing apparatus with air supply. Wash hands after use.

FIRST AID :If poisoning occurs, contact a doctor or Poisons Information Center (Phone 13 11 26). Do not give direct mouth to mouth resuscitation if swallowed. To protect rescuer, use air-viva, oxy-viva or one way mask. Resuscitate in a well ventilated area. Additional information is listed in the material safety data sheet.

MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY: this product as supplied is of a high grade and to be suitable for any purpose for which it is expressly recommended and must be used in accordance with the Directions for Use given on the label. No responsibility is accepted in respect of this product save those non-excludable condition implied by any Federal or State legislation or law of a Territory

UN 3048 ALUMINIUM PHOSPHIDE PESTICIDES PACKING GROUP I

[POISON 6 DIAMOND]

VENTILATION - ON COMPLETION OF FUMIGATION

These are minimum ventilation periods:-

-Structures containing treated commodities:

- (a) with throughflow and forced draught (flash-proof fan) operated 2 hours on and 2 hours off- 12 to 24 hours, depending on the size of the structure
- (b) (b) with throughflow and natural draught (wind)- For structures of 375m³ (300 tonnes) or greater capacity- 2 to 5 days, depending on size; for structures of less than 375m³ (300 tonnes) capacity- 5 days.

- Well-sealed, plastic-covered bunker storage's of less than 1000 tonnes capacity: 2 hours after removal of covering

- Empty buildings:

- (a) with throughflow and forced draught (flash-proof fan) operated 2 hours on and 2 hours off- 1 to 2 days, depending on the size of the structure.
- (b) with throughflow and natural draught (wind)- For structures of 375m³ (300 tonnes) or greater capacity- not less than 2 days, depending on the structure size, openings, prevailing wind speed; for structures of less than 375m³ (300 tonnes) capacity- 5 days

NOTE: Precautions and fumigant-clearance testing procedures at the start and finish of ventilation should not be less than those stipulated in the NH&MRC's "code of Practice for the Fumigation of Grain with Phosphine"

NRA approval number :49398/0100