

PRECAUTIONARY STATEMENTS DANGER

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - FUMITOXIN releases the poisonous gas hydrogen phosphide (phosphine) when moist. Do not breathe dust or fumes. Do not open container except for immediate use. Always open in open air. Keep available a gas mask and canister which has been jointly approved by the Mining, Enforcement and Safety Administration and the National Institute of Occupational Safety and Health for phosphine protection. Phosphine is poisonous. Do not get in eyes or on skin. Wear gloves when handling pellets. FUMITOXIN should be used only by experienced adult personnel. Symptoms of overexposure: Pressing sensation in chest, nausea and dizziness.

ENVIRONMENTAL HAZARDS - Hydrogen phosphide decomposes in the atmosphere to form traces of phosphine. Spent FUMITOXIN is of no environmental hazard when disposal instructions are followed. Pure hydrogen phosphide is practically insoluble in water, fats, and oils and is stable at normal fumigation temperatures. It may, however, react with certain metals such as copper, brass, and gold, and cause corrosion, especially at high temperatures and humidity. Precautions should be taken to protect materials made from such compounds including some types of copying paper and uncoated metal.

PHYSICAL OR CHEMICAL HAZARDS - Keep away from liquid or water as this causes immediate release of the gas. Piling of pellets or the dust from their decomposition may cause a temperature increase and a flash could occur. Protect from moisture, open flames or heat.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GENERAL INFORMATION - FUMITOXIN is a fumigant which when applied according to label instructions is activated by atmospheric humidity. FUMITOXIN has been found effective against the following stored products insects and their pre-adult stages - that is, eggs, larvae, and pupae: Grainary and rice weevils; saw toothed grain beetle; flat grain beetle; rusty grain beetle; lesser grain beetle; confused flour beetle; red flour beetle; Colorado stored fruit moth; lesser grain moth; Indian meal moth; almond moth; Angoumois grain moth; European grain moth; bean weevil; Indian meal moth; brown; dried fruit beetle; dermestid beetle; and tobacco pests: the cigarette beetle and tobacco moth. Also controls cereal leaf beetle (a stored product contaminant), and greater wax moth.

PLACARDING INSTRUCTIONS - Fumigated areas must be placarded on all entrances with signs containing at least the signal word DANGER and the "Skull and Crossbones" and the words "Area under fumigation. Do not enter until completely airtight." The date of fumigation, name of the fumigator, and emergency telephone number for contact, and the name and address of the fumigator. Do not remove warning signs until the fumigated area is completely airtight and safe for entry as indicated by a suitable detector. Do not move trucks, vans or trailers during fumigation. They must be completely sealed before movement is allowed.

STORAGE AND DISPOSAL

STORAGE - Store only in cool, dry, locked ventilated room. Always open in open air. Remove product from damaged containers and place in a metal container that will avoid contact with the atmosphere. Not for use or storage in or around inhabited areas.

CONTAINER DISPOSAL - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PESTICIDE DISPOSAL - Do not contaminate water, food, or feed by storage or disposal. Pesticide mixtures are acutely hazardous. Improper disposal of empty pesticide spray mixture or residue is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

WARRANTY - Seller warrants that the product conforms to its commercial description and when used according to label directions under normal conditions of use, it is reasonably fit for the purposes stated on the label. Seller makes no other warranty, either express or implied, and Buyer assumes all risk should the product be used contrary to label instructions.

SPECIFIC INSTRUCTIONS - **RAW AGRICULTURAL COMMODITIES AND BULK ANIMAL FEEDS** - For treatment of listed stored products insects in stored almonds, barley, Brazil nuts, cashews, cocoa beans, coffee beans, corn, condensed dates, figs, flower seed, grass seed, millet, oats, peanuts, pecans, pistachio nuts, popcorn, rice, soybean seed, and seed and pod vegetables (except soybeans), sesame seed and soybean soybeans, sunflower seeds, wheats, wheat, vegetable seed, and bulk animal feed or feed ingredients.

RESTRICTED USE PESTICIDE

For sale to and use only by Certified Applicators or persons under their supervision and only for those uses covered by the Certified Applicator's certification.

Fumitoxin

COATED PELLETS

FOR USE AGAINST LISTED INSECTS WHICH INFEST STORED COMMODITIES, SPECIFIED PROCESSED FOODS, & ANIMAL FEED

ACTIVE INGREDIENT:
Aluminum Phosphide 55%

INERT INGREDIENTS 45%
100%



Keep out of reach of children

DANGER-POISON

PRACTICAL TREATMENT



If swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. - If inhaled, remove victim to open air and remove contaminated clothing. Keep victim warm. Call a physician immediately. - If on skin, wash affected area with soap and water. - If in eyes, flush thoroughly with water. - See side panel for additional precautionary statements.



Manufactured for

PESTCON SYSTEMS, INC.

BOX 400 • ALHAMBRA, CA 91802 • (213) 283-2761

Contents: 1,000 pellets
Net Weight: 1000 g (2 lb. 3.20 oz.)

EPA Reg. No. 5057-2 ZA
EPA Est. No. 40000-CI-04

For the above commodities stored in bulk, FUMITOXIN pellets may be fed into the stream as the commodity flows into a bin or conveyor to provide uniform spacing between the individual pellets. For bulk commodities not stored in bulk, pellets may be placed in FUMITOXIN moisture-permeable envelopes and fumigation proceeds as for with processed foods.

Dosage for commodities other than dates, nuts and peanuts is 100-200 pellets per 1000 bushels.

Dosage for dates, nuts and peanuts in bags or storage boxes is 100-200 pellets per 1000 cubic feet of storage space. For peanuts in bulk, use pellets. Effectiveness of the fumigation is dependent on the tightness of bin or warehouse, commodity temperature and length of exposure period.

PROCESSED FOODS AND PROCESSED ANIMAL FEEDS - See enclosed sheet for list of processed foods which may be fumigated.

These commodities may be fumigated in relatively gas-tight structures, or in sealed box or pepper carts (static or rolling). Sealed box and pepper carts (static or rolling) must be placarded during fumigation as per DOT requirements. Pellets may be placed in moisture permeable envelopes - not more than ten pellets per envelope. Envelopes must be fastened to a substantial support. After fumigation, pellet residue shall be disposed of by burying or saturating with water in which a small amount of washing agent has been added. Do not dispose of dust in toilet.

Dosage for specified processed foods and packaged animal feeds is 100-200 pellets per 1000 cubic feet of storage space.

PROCESSED BROWN RICE, MALT, AND CORN GRISS - Under no condition shall any processed food come in contact with FUMITOXIN or FUMITOXIN residue except as follows: Fumigation may be added directly to processed brown rice, malt and corn grits stored by brewers for use in the manufacture of beer. The fumigant may be added into the commodity or fed into the stream as the commodity flows into a storage area. Dosage for such treatment is 100-200 pellets per 1000 cubic feet of storage space. FUMITOXIN shall not be placed in or added to packages intended for consumers or carriers delivered to retailers. Air-sealed treated food two days before it is offered to consumer.

CEREAL BILLS AND FEED MILLS - Dosage for cereal mills and feed mills is 100-150 pellets per 1000 cubic feet. Fumigation of such areas must be conducted by trained fumigators. All safety precautions such as sealing of building, padlocking and placarding of entrances, notifying police and fire officials, and posting of guards if required must be adhered to.

STORED TOBACCO - Dosage for stored tobacco is 100-150 pellets per 1000 cubic feet. Aeration time for haystacks will not be less than three days for all other containers, two days.

FOR BEE-FORM PRODUCTS - Suggested dosage for control of pests in cotton (cloth and unprocessed) feeders, human hair, vulcanized hair, mohair, raw wool is 100-200 pellets per 1000 cubic feet.

STORED BEVERAGES, SUPPLIES, AND OTHER RECREATION EQUIPMENT - Dosage for control of greater wax moth in stored beverages, supplies and other recreation equipment is 100 pellets per 1000 cubic feet.

Exposure times required for all commodities are approximately in the following guide:
Commodity at 54-60°F (12-15°C) - at least four days • Commodity at 60-64°F (16-20°C) - at least three days • Commodity over 64°F (20°C) - not less than two days.
Do not fumigate when commodity temperature is below 40°F (5°C).

FUMIGATION OF UNMANNED BARGES - For listed raw commodities and animal feeds transported in bulk, FUMITOXIN pellets may be fed into the commodity as the barge is being loaded, or may be inserted below the surface of the commodity after loading is completed. For listed commodities not transported in bulk and for listed processed foods, the FUMITOXIN pellets must be contained and fastened to a substantial support. FUMITOXIN pellets or their residual dust must not come into contact with the processed foods or its packaging. Dosage and exposure time on unmanned barges is identical to that used for the same commodities fumigated in land-based structures or storage areas.

Following application of the fumigant, the barges must be sealed and warning placards attached.

Prior to unloading of unmanned barges, make appropriate tests to ascertain safety of cargo area.

FUMIGATION OF BULK ON SHIPS - In transit fumigation of grain on ships must be supervised by a person trained in shipboard application. Only dry bulk carriers and tankers which have no crew quarters above the cargo holds may be fumigated. The vessel must be inspected by a qualified person to ascertain that the cargo can be fumigated without apparent hazard to the crew. The fumigator must conduct a meeting with responsible ship's officers and cover all aspects of the work to be done and the possible dangers involved. Application of the fumigant shall not begin until the loading of a hold is completed. Additional use directions and precautions provided in supplemental labeling entitled "Fumigation of Grain on Ships" must also be followed.

Important Shipboard in transit ship or shipboard fumigation is also governed by U.S. Coast Guard Regulations. Refer to and comply with these regulations prior to fumigation.

Classified by UL Inc. as to fire hazard only when used specifically as directed in the instructions on this container and supplemental labeling. FUMITOXIN Coated Pellets are noncombustible, but exposure to moist air or water releases flammable and toxic phosphine gas. Spontaneous ignition may result if contacted by water, acids or chemicals. CONTROL NO. 0025

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BEST AVAILABLE COPY

ACCEPTED
5857-2
JUN 14 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No.

5857-2, 1/1-32

will be a grayish-white powder and contain only a small amount of unreacted aluminum phosphide. However, residual dust from incompletely exposed FUMITOXIN® may require special care.

Spill and Leak Procedures

General Precautions and Directions

A spill, other than incidental to application or normal handling, may produce high levels of gas and, therefore, attending personnel must wear SCBA or its equivalent when the concentration of hydrogen phosphide gas is unknown. Other NIOSH/MSHA approved respiratory protection may be worn if the concentration is known. Do not use water at any time to clean up a spill of FUMITOXIN®. Water in contact with unreacted pellets will greatly accelerate the production of hydrogen phosphide gas which could result in a toxic and/or fire hazard. Wear gloves of cotton or other material when handling aluminum phosphide.

Return all intact aluminum flasks to cardboard case or other suitable packaging which has been properly marked according to DOT regulations. Notify consignee and shipper of damaged cases.

If aluminum flasks have been punctured or damaged so as to leak, the container may be temporarily repaired with aluminum tape or the FUMITOXIN® may be transferred from the damaged flask to a sound metal container which should be sealed and properly labeled as aluminum phosphide. Transport the damaged containers to an area suitable for pesticide storage for inspection. Refer to the Applicator's Manual for more detailed Spill and Leak procedures. Further information and recommendations may be obtained, if required, from Pestcon Systems, Inc.

General Information: FUMITOXIN® is a fumigant which when applied according to label instructions is activated by atmospheric humidity. FUMITOXIN® has been found effective against many stored products insects and their pre-adult stages -- that is eggs, larvae, and pupae. Refer to the Applicators Manual for specific species and commodities which may be fumigated.

WARRANTY: Seller warrants that this product conforms to its commercial description and when used according to label directions under normal conditions of use, it is reasonably fit for the purposes stated on the label. Seller makes no other warranty, either express or implied, and Buyer assumes all risk should the product be used contrary to label instructions.

Classified by UL Inc. as to fire hazard only when used specifically as directed in the instructions on this container, and supplemental labeling. FUMITOXIN® is noncombustible, but exposure to moist air or water releases flammable and toxic phosphine gas. Spontaneous ignition may result if contacted by water, acids or chemicals. CONTROL NO. 994P

0005B



FUMITOXIN® COATED PELLETS
EPA Registration Number 5957-2-2A
EPA Establishment Number 46060-C1-04

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2221 POPLAR BLVD. (BOX 469) ALHAMBRA, CALIF. 91802 U.S.A. (213) 283-2761 TELEX 680635

SUPPLEMENTAL LABELLING TO CLARIFY USE DIRECTIONS

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with the label.

FUMITOXIN® Coated Pellets may be used to control stored product pests infesting processed spices stored in relative air tight drums, or other small containers.

Spices stored in this manner may be fumigated by placing the pellets in a moisture permeable envelope in such a manner, as to keep the pellets as well as the residue, from coming into contact with the spices.

Drums are then secured in a designated area and this area must be placarded on all accessible sides with a sign containing at least the signal word DANGER and the "Skull and Crossbones" and the words "area under fumigation, do not enter until completely aerated, the date of fumigation, and the name and address of the fumigator."

Following fumigation, envelopes containing the residual dust must be removed from the drums and disposed of in accordance with the FUMITOXIN® label. The drum must be allowed to aerate prior to shipment.

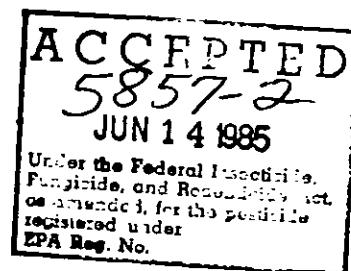
Suggested dosage is 1 - 2 pellets per 10 cubic feet (.283 cubic meters) of storage space. Exact dosage is dependent upon tightness of the storage structure, commodity temperature and length of exposure period.

Exposure times required are approximated below:

Commodity at 54° F. - 59° F. (12-15°C.)	4 days
Commodity at 60° F. - 68° F. (16-20°C.)	3 days
Commodity over 68° F. (20°C.)	2 days min.

Do not fumigate if commodity temperature is below 40° F. (5°C.)

NOTE: Consult the label for additional warnings and precautions to be observed when using this product.



RESTRICTED USE PESTICIDE

For use only in and on crops by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certificate

Fumitoxin

NEW COATED TABLETS-R AND COATED PELLETS

5857-2, PM-34 2/3

ACCEPTED

OCT 1 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 5857-1

5857-2

GENERAL PROCEDURES FOR FUMIGATION OF MILLS AND WAREHOUSES WITH FUMITOXIN® NEW COATED TABLETS-R AND COATED PELLETS

1. Read the complete label on the container before use.
2. Using the label, determine the dosage of tablets or pellets to be applied based upon the following parameters for space fumigation:
 - a) the volume of the structure,
 - b) the air and/or commodity temperature,
 - c) and the general tightness of the structure to be fumigated.
3. Carefully seal the area to be fumigated.
4. Place trays or sheets of Kraft paper or foil, up to 12 sq. ft. (1.1 sq. M) in area, on the floor throughout the structure to hold the Fumitoxin® tablets or pellets.
5. Spread Fumitoxin® on the sheets at a density no greater than 30 tablets per sq. ft. or 75 pellets per sq. ft. This corresponds to slightly more than one-half flask of tablets or one-half flask of pellets per 3' x 4' sheet.
6. Check the sheet to see that Fumitoxin® has not been piled up and that it is dispersed evenly to minimize contact between the individual tablets or pellets.
7. Doors leading to the fumigated space are then closed, sealed and locked. Fumitoxin® warning signs must be placed on all entrances.
8. The fumigation period usually lasts from 2 to 5 days, depending upon the temperature. Do not fumigate when commodity temperature is below 40°F (5°C). Consult the label for further information.
9. Upon completion of the exposure period, windows and doors should be opened and the fumigated structure allowed to aerate for at least two hours before entering. A gas concentration reading should be taken using a low level detector tube before allowing personnel to re-enter the area.
10. Spent Fumitoxin® dust remaining after the fumigation may be disposed of by burial at approved sites, or it may first be deactivated using water-detergent mixtures as follows:
 - a) Deactivating solution is prepared by adding the appropriate amount of low sudsing detergent or surface active agent to water in a drum or other suitable container.
 - b) Dust from the individual 3' x 4' sheets is poured slowly into the deactivating solution and stirred so as to thoroughly wet all of the spent Fumitoxin®. This should be done in the open air and not in the fumigated structure. Dust from Fumitoxin® tablets or pellets should be mixed into no less than about 10 gallons of water-detergent solution for each case of spent material. **CAUTION:** Do not allow quantities of dry, spent Fumitoxin® dust to be collected or stored without deactivation.
 - c) Dispose of the deactivated dust-water solution. The solids will not contaminate the environment. Do not dispose of dust in toilet.
11. Triple rinsed containers may be offered for recycling, reconditioning, or disposal in an approved landfill or buried in a safe place.
12. Some local and state waste disposal regulations may vary from the above recommendations. Disposal procedures should be reviewed with appropriate authorities to ensure compliance with local regulations.

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13. Remove warning placards from the completely aerated structure.

NOTES:

1. A certified and qualified applicator must be in charge of fumigation. Some states require a licensed operator.
2. Approved respiratory protection must be available during the fumigation period.
3. Legal regulations may require prior notification of area police and/or fire departments.
4. Hydrogen phosphide from aluminum phosphide is corrosive to copper and precious metals. Electrical outlets and other copper-containing items should be covered for protection. Sensitive equipment should be removed from the structure prior to fumigation.
5. Collection and storage of dry, spent Fumitoxin® dust, especially in closed containers, may result in a fire hazard.
6. Special care should be taken in deactivation of so-called "green" dust which results from incomplete exposure, and thus, incomplete decomposition of Fumitoxin® tablets and pellets. (Not less than 30 gallons of water-detergent solution should be used)

CLASSIFIED BY UNDERWRITERS LABORATORIES, INC. AS TO FIRE HAZARD ONLY WHEN USED SPECIFICALLY AS DIRECTED IN THE MANUFACTURER'S INSTRUCTIONS. FUMITOXIN® NEW COATED TABLETS-R AND COATED PELLETS ARE NONCOMBUSTIBLE, BUT EXPOSURE TO MOIST AIR OR WATER RELEASES FLAMMABLE AND TOXIC PHOSPHINE (HYDROGEN PHOSPHIDE) GAS. SPONTANEOUS IGNITION MAY RESULT IF CONTACTED BY WATER, ACIDS, OR CHEMICALS. CONTROL NO. 6055.



**PESTCON
SYSTEMS, INC.**

BOX 480, ALHAMBRA, CA. 91802 TELEPHONE (213) 283-8701

EPA Registration Nos. 5857-1-ZA and 5857-2-ZA

EPA Establishment No. 46060-C1-04