

PHOSTOXIN SALES, INC.  
DISTRIBUTORS  
2221 Poplar Blvd. (Box 469) Alhambra, Calif. 91802  
Tel. AC 213 283-2761 Cable Address PHOSTOXIN

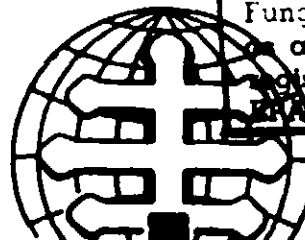
**Phostoxin**  
FUMIGANT

# PRODUCT BULLETIN

PHOSTOXIN® NEW COATED TABLETS  
E.P.A. Reg. No. 5857-1-AA

THE LABEL REPRODUCED BELOW WAS REGISTERED BY THE ENVIRONMENTAL PROTECTION AGENCY.  
AS THIS PRODUCT BULLETIN IS CONSIDERED PHOSTOXIN LABELING, THE POSSESSION OF THIS SHEET  
CONSTITUTES AUTHORIZATION TO USE PHOSTOXIN AS DETAILED BELOW.



ACCEPTED  
FEB 05 1976  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 5857-1

  
**Phostoxin**  
DEGESCH  
NEW COATED TABLETS

FOR USE AGAINST LISTED INSECTS WHICH INFEST STORED  
COMMODITIES, SPECIFIED PROCESSED FOODS, AND ANIMAL FEEDS

★ Active Ingredient:  
Aluminum Phosphide . . . . . 55%  
Inert Ingredient . . . . . 45%

Pat. No. 3132067  
E.P.A. Reg. No. 5857-1-AA

 **POISON** 

**DANGER** Keep out of reach of children  
See antidotes and other precautions on back panel

Contents: 16 tubes of 30 tablets each  
Net weight: 1,440 g (3 lbs. 2.79 ozs)

Manufactured by:  
**DEGESCH, FRANKFURT (MAIN)**  
Western Germany

Distributed by:  
**PHOSTOXIN SALES, INC.**  
2221 Poplar Boulevard, Alhambra, Cal. 91801  
Telephone: 283-2761

#### DISPOSAL OF CONTAINERS

Decontaminate tubes by filling them with water after the tablets have been dispersed. Dispose of the tubes by burning.



## POISON



#### ANTIDOTE

Remove victim to open air and remove any contaminated clothing. If ingested, give a tablespoon of salt in a glass of warm water to induce vomiting. Repeat until vomit fluid is clear. Call a physician immediately.

#### DANGER:

PHOSTOXIN releases poisonous gas when moist. Do not breathe dust or fumes. Poisonous if swallowed. Do not get in eyes or on skin. KEEP AWAY FROM LIQUID OR WATER as this causes immediate release of gas. Wear gloves when handling tablets. Piling of tablets or the dust from their decomposition may cause a temperature increase and a flash could occur. PHOSTOXIN to be used only by experienced adult personnel. Do not open container except for immediate use. Always open in open air. Store in cool, dry, locked, ventilated room. Protect from moisture, open flames or heat. Keep available a gas mask and canister carrying the approval of the U.S. Department of Interior, Bureau of Mines, for phosphine protection.

#### SYMPTOMS:

Pressing sensation in the chest, nausea, and diarrhea.

#### EFFICACY:

PHOSTOXIN has been found effective against the following stored products: insects and their pre-adult stages, that is, eggs, larvae, and pupae. Granary and rice weevils, saw-toothed grain beetle, flat grain beetle, rusty grain beetle, lesser grain borer, confused flour beetle, red flour beetle, Cadelle, dried fruit moth, Mediterranean flour moth, almond moth, Angoumois grain moth, European grain moth, cigarette beetle, tobacco moth, bean weevil, rawn moth, pink bollworm, dried fruit beetle, and dermestids. Also controls cereal leaf beetle (a stored product contaminant).

#### FOR FUMIGATION OF LISTED RAW AGRICULTURAL COMMODITIES, BULK ANIMAL FEED:

For treatment of listed stored products insects in stored almonds, barley, brazil nuts, cashews, cocoa beans, coffee beans, corn, cottonseed, dates, filberts, flower seed, grass seed, millet, oats, peanuts, pecans, pistachio nuts, popcorn, rice, rye, sorghum, soybeans, sunflower seed, walnuts, wheat, vegetable seed, and bulk animal feed or feed ingredients. For the above commodities stored in bulk PHOSTOXIN tablets may be injected with a probe or fed into the stream as the commodity flows into a bin in a manner to provide uniform spacing between individual tablets. For listed commodities not stored in bulk, tablets may be placed in PHOSTOXIN moisture permeable envelopes and fumigation proceeds as for with processed foods.

CLASSIFIED BY UNDERWRITER'S LABORATORIES, INC. AS TO FIRE HAZARD ONLY, WHEN USED SPECIFICALLY AS DIRECTED IN THE INSTRUCTIONS ON THIS CONTAINER. PHOSTOXIN NEW COATED TABLETS, NOT COMBUSTIBLE ITSELF, BUT EXPOSURE TO MOIST AIR OR WATER RELEASES FLAMMABLE AND TOXIC PHOSPHINE, AMMONIA, AND CARBON DIOXIDE GASES. SPONTANEOUS IGNITION MAY RESULT IF CONTACTED BY WATER, ACIDS, OR CHEMICALS. SEE UL INDEX OF CLASSIFIED PRODUCTS.

Suggested dosage for commodities other than dates and nuts is 6 tablets per ton or 180 tablets per 1000 bushels. Suggested dosage for peanuts is 125 tablets and for other nuts and dates 30 tablets per 1000 cubic feet of storage space. Effectiveness of fumigation is dependent on tightness of bin or warehouse, commodity temperature, and length of exposure period.

#### FOR FUMIGATION OF SPECIFIED PROCESSED FOODS, PACKAGED ANIMAL FEEDS:

These commodities may be fumigated in relatively gas-tight structures, under gas proof tarpaulins, or in sealed box or hopper cars (static or rolling). Sealed box and hopper cars (static or rolling) must be placarded during fumigation as per DOT requirements. Tablets may be placed in moisture permeable envelopes, not more than two tablets per envelope. Envelopes must be fastened to a substantial support. After fumigation, tablet residue shall be disposed of by burying or saturating with water to which a small amount of wetting agent has been added. Do not dispose of dust in toilet.

Suggested dosage for specified processed foods (other than dried fruit and nuts) and packaged animal feeds is 45-60 tablets per 1000 cubic feet of storage space. Suggested dosage for dried fruit and nuts is 30 tablets per 1000 cubic feet of storage space.

#### SEE ENCLOSED SHEET FOR LIST OF PROCESSED FOODS WHICH MAY BE FUMIGATED

Under no condition shall any processed food come in contact with any PHOSTOXIN or with PHOSTOXIN residue. PHOSTOXIN shall not be placed in or attached to packages intended for consumers or cartons delivered to retailers. Aerate finished food two days before it is offered to consumer.

Suggested dosage for cereal mills and feed mills is 20-30 tablets 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.

Suggested dosage for stored tobacco is 20-30 tablets per 1000 cubic feet. Ventilation time for hopheads will not be less than three days for all other containers, two days.

Exposure times required for all commodities are approximated in the following guide:

Commodity at 54-59°F (12-15°C) at least five days  
Commodity at 60-68°F (16-20°C) at least four days  
Commodity over 68°F (20°C) not less than three days

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

Reg. U.S. Pat. Off.

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**DISPOSAL OF CONTAINERS:**

Decontaminate tubes by filling them with water after the tablets have been dispensed. Dispose of the tubes by burning.



# POISON



**ANTIDOTE:**

Remove victim to open air and remove any contaminated clothing. If ingested, give a tablespoon of salt in a glass of warm water to induce vomiting. Repeat until vomit fluid is clear. Call a physician immediately.

**DANGER:**

PHOSTOXIN releases poisonous gas when moist. Do not breathe dust or fumes. Poisonous if swallowed. Do not get in eyes or on skin. **KEEP AWAY FROM LIQUID OR WATER** as this causes immediate release of gas. Wear gloves when handling tablets. Piling of tablets or the dust from their decomposition may cause a temperature increase and a flash could occur. PHOSTOXIN to be used only by experienced adult personnel. Do not open container except for immediate usage. **Always open in open air.** Store in cool, dry, locked, ventilated room. Protect from moisture, open flames or heat. Keep available a gas-mask and canister carrying the approval of the U.S. Department of Interior, Bureau of Mines, for phosphine protection.

**SYMPTOMS:**

Pressing sensation in the chest, nausea, and diarrhea.

**EFFICACY:**

PHOSTOXIN has been found effective against the following stored products insects and their pre-adult stages—that is, eggs, larvae, and pupae. Granary and rice weevils, saw-toothed grain beetle, flat grain beetle, rusty grain beetle, lesser grain borer, confused flour beetle, red flour beetle, Cadelle, dried fruit moth, Mediterranean flour moth, almond moth, Angoumois grain moth, European grain moth, cigarette beetle, tobacco moth, bean weevil, raisin moth, pink bollworm, dried fruit beetle, and dermestids. Also controls cereal leaf beetle (a stored product contaminant).

**FOR FUMIGATION OF LISTED RAW AGRICULTURAL COMMODITIES, BULK ANIMAL FEED:**

For treatment of listed stored products insects in stored almonds, barley, brazil nuts, cashews, cocoa beans, coffee beans, corn, cottonseed, dates, filberts, flower seed, grass seed, millet, oats, peanuts, pecans, pistachio nuts, popcorn, rice, rye, sorghum, soybeans, sunflower seed, walnuts, wheat, vegetable seed, and bulk animal feed or feed ingredients. For the above commodities stored in bulk PHOSTOXIN tablets may be injected with a probe or fed into the stream as the commodity flows into a bin in a manner to provide uniform spacing between individual tablets. For listed commodities not stored in bulk, tablets may be placed in PHOSTOXIN moisture-permeable envelopes and fumigation proceeds as for with processed foods.

Suggested dosage for commodities other than dates and nuts is 6 tablets per ton or 180 tablets per 1000 bushels. Suggested dosage for peanuts is 125 tablets and for other nuts and dates 30 tablets per 1000 cubic feet of storage space. Effectiveness of fumigation is dependent on tightness of bin or warehouse, commodity temperature, and length of exposure period.

**FOR FUMIGATION OF SPECIFIED PROCESSED FOODS, PACKAGED ANIMAL FEEDS:**

These commodities may be fumigated in relatively gas-tight structures, under gas-proof tarpaulins, or in sealed box or hopper cars (static or rolling). Sealed box and hopper cars (static or rolling) must be placarded during fumigation as per DOT requirements. Tablets may be placed in moisture-permeable envelopes—not more than two tablets per envelope. Envelopes must be fastened to a substantial support. After fumigation, tablet residue shall be disposed of by burying or saturating with water to which a small amount of wetting agent has been added. Do not dispose of dust in toilet.

Suggested dosage for specified processed foods (other than dried fruit and nuts) and packaged animal feeds is 45-60 tablets per 1000 cubic feet of storage space. Suggested dosage for dried fruit and nuts is 30 tablets per 1000 cubic feet of storage space.

**SEE ENCLOSED SHEET FOR LIST OF PROCESSED FOODS WHICH MAY BE FUMIGATED.**

Under no condition shall any processed food come in contact with any PHOSTOXIN or with PHOSTOXIN residue. PHOSTOXIN shall not be placed in or attached to packages intended for consumers or cartons delivered to retailers. Aerate finished food two days before it is offered to consumer.

Suggested dosage for cereal mills and feed mills is 20-30 tablets 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.

Suggested dosage for stored tobacco is 20-30 tablets per 1000 cubic feet. Aeration time for hogsheads will not be less than three days; for all other containers, two days.

Exposure times required for all commodities are approximated in the following guide:

Commodity at 54-59°F (12-15°C)—at least five days.

Commodity at 60-68°F (16-20°C)—at least four days.

Commodity over 68°F (20°C)—not less than three days.

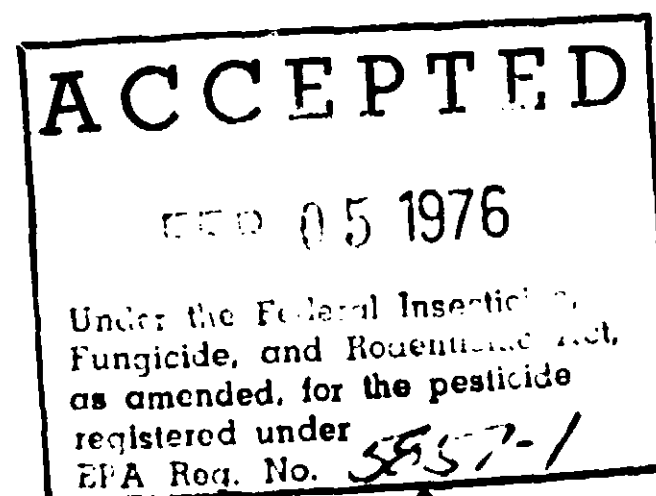
Do not fumigate when commodity temperature is below 40°F (5°C).

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ACCEPTED WITH COMMENTS

# LIST OF PROCESSED FOODS WHICH MAY BE FUMIGATED WITH PHOSTOXIN®

Cereal flours and milled fractions	Primary yeast
Soybean flour and milled fractions	Sugar
Packaged cereal	Dried milk
Malt (processed grains)	Non-dairy creamers
Bakery mixes	Non-fat instant dried milk
Crackers	Processed spices
Pretzels	Dried apples
Macaroni	Dates
Noodles	Figs
Pasta	Dried peaches
Cocoa powder	Dried pears
Assorted chocolate	Prunes
Dark chocolate coating	Raisins
Milk chocolate	Sultanas
Chocolate liquor	Dried egg yolk solids
Dried spinach	Tea
Dried carrots	Coffee
Dried lentils	Edible cured meat products
Potato flour	
Processed almonds, brazil nuts, cashews, filberts, peanuts, pecans, pistachio nuts, and walnuts	



*Comments*

ACCEPTED WITH COMMENTS