

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**DANGER:** Pellets or dust of this product may be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke while handling aluminum phosphide fumigants. When a sealed container is opened, or if the material comes in contact with moisture, water or acids, this product will release phosphine which is an extremely toxic gas. If a garlic odor is detected, refer to the "Industrial Hygiene Monitoring" under the "Applicator and Worker Exposure" section of the Applicator's Manual for appropriate monitoring procedures. Pure phosphine gas is odorless; the garlic odor is due to a contaminant. Since the odor of phosphine may not be detected under some circumstances, the absence of a garlic odor does not mean that dangerous levels of phosphine gas are absent. Observe proper application, aeration, re-entry and disposal procedures specified elsewhere in the labeling to prevent overexposure.

### ENVIRONMENTAL HAZARDS

This product is very highly toxic to wildlife. Non-target organisms exposed to phosphine gas will be killed. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Do not contaminate water by cleaning of equipment or disposal of wastes.

### DIRECTIONS FOR USE

#### RESTRICTED USE PESTICIDE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is for use against insects which infest stored commodities, and control of burrowing pests. The use of this product is strictly prohibited on residential properties (see "Burrowing Pest Control" section of the Applicator's manual for a list of approved sites). This fumigant when applied according to label instructions is activated by atmospheric humidity. Phosfume2 Aluminum Phosphide Fumigant Pellets have been found effective against many stored product insects and their pre-adult stages - that is eggs, larvae and pupae. Refer to the Applicator's Manual for directions for use (e.g. pests controlled, specific commodities), precautions and restrictions.

### SPILL AND LEAK PROCEDURES

For specific instructions, see "SPILL AND LEAK PROCEDURES" section of the Applicator's Manual.

SEE APPLICATOR'S MANUAL FOR ADDITIONAL INFORMATION

### WARRANTY—CONDITIONS OF SALE

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

Manufactured For:  
Douglas Products and Packaging Company  
1550 East Old 210 Highway  
Liberty, MO 64068

\*See Applicator's Manual for additional First Aid, Precautionary Statements, Directions for Use and Storage and Disposal Instructions.

# RESTRICTED USE PESTICIDE

(Due To High Acute Inhalation Toxicity Of Phosphine Gas)

For retail sale to dealers and certified applicators only. For use by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification. Refer to the directions in this applicator manual for requirements of the physical presence of a certified applicator.

THE COMPLETE LABEL FOR THIS PRODUCT CONSISTS OF THE CONTAINER LABEL AND THE APPLICATOR'S MANUAL WHICH MUST ACCOMPANY THE PRODUCT. READ AND REVIEW THE ENTIRE LABEL WHICH INCLUDES THE CONTAINER LABEL AND APPLICATOR'S MANUAL.

A FUMIGATION MANAGEMENT PLAN MUST BE WRITTEN FOR ALL FUMIGATIONS PRIOR TO ACTUAL TREATMENT. CONSULT WITH YOUR STATE LEAD PESTICIDE REGULATORY AGENCY TO DETERMINE REGULATORY STATUS, REQUIREMENTS, AND RESTRICTIONS FOR FUMIGATION USE IN THAT STATE. CALL (800) 223-3684 IF YOU HAVE ANY QUESTIONS OR DO NOT UNDERSTAND ANY PART OF THIS LABELING.

## Phosfume2®

Aluminum Phosphide Fumigant Pellets

A fumigant for use against listed insects which infest stored commodities and Control of Burrowing Pests. The use of this product is strictly prohibited on single and multi-family residential properties and nursing homes, schools (except athletic fields), daycare facilities and hospitals.

#### ACTIVE INGREDIENT:

Aluminum Phosphide: . . . . . 60.0%

OTHER INGREDIENTS: . . . . . 40.0%

TOTAL: . . . . . 100.0%

EPA Reg. No. 1015-74

EPA Est. No. 73928-CHN-001

Contents: 14 units of 2500 Pellets

Net Weight: 14 x 3.3 lbs. (1.5 kg.)

## KEEP OUT OF REACH OF CHILDREN



# DANGER/PELIGRO POISON/VENENO



Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

### FIRST AID

#### IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or ambulance, begin artificial respiration immediately, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

#### IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

#### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice. (Cont. on top of next column)

### FIRST AID (Cont. from center column)

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378. Symptoms of overexposure to this product are headache, dizziness, nausea, difficult breathing, vomiting and diarrhea. In all cases of overexposure, get medical attention immediately. Take victim to a doctor or emergency treatment facility. Direct the emergency personnel to the First Aid section.

### NOTE TO PHYSICIAN

Aluminum phosphide pellets react with moisture from the air, water, acids and many other liquids to release phosphine gas. Mild exposure by inhalation causes malaise (indefinite feeling of sickness), ringing in the ears, fatigue, nausea and pressure in the chest, which is relieved by removal to fresh air. Moderate poisoning causes weakness, vomiting and pain just above the stomach, chest pain, diarrhea and dyspnea (difficulty in breathing). Symptoms of severe poisoning may occur within a few hours to several days, resulting in pulmonary edema (fluid in lungs) and may lead to dizziness, cyanosis (blue or purple skin color), unconsciousness, and death. In sufficient quantity, phosphine affects the liver, kidneys, lungs, nervous system and circulatory system. Inhalation can cause lung edema (fluid in lungs) and hyperemia (excess of blood in body parts), small perivascular brain hemorrhages and brain edema (fluid in brain). Ingestion can cause lung and brain symptoms but damage to the viscera (body cavity organs) is more common. Phosphine poisoning may result in (1) pulmonary edema, (2) liver elevated serum GOT, LDH, and alkaline phosphates, reduced prothrombin, hemorrhage, and jaundice (yellow skin color) and (3) kidney hematuria (blood in urine) and anuria (abnormal or lack of urination). Pathology is characteristic of hypoxia (oxygen deficiency in body tissue). Frequent exposure to concentration above permissible levels over a period of days or weeks may cause poisoning. Treatment is symptomatic.

### HOT LINE NUMBER

Have the product container, label or applicator's manual with you when calling a poison control center or doctor, or going for treatment. CONTACT: 1-800-858-7378 FOR ASSISTANCE WITH HUMAN OR ANIMAL MEDICAL EMERGENCIES. You may also contact us at Douglas Products & Packaging at (800) 223-3684.

## STORAGE AND DISPOSAL

**Do not contaminate water, food or feed by storage and disposal.**

### PESTICIDE STORAGE INSTRUCTIONS

Store this product under lock and key, in a dry, well-ventilated area away from heat. Post as pesticide storage area. Do not contaminate water, food or feed by storing pesticides in the same areas used to store these commodities.

Do not store in buildings where humans or domestic animals reside.

### PESTICIDE AND CONTAINER DISPOSAL INSTRUCTIONS

Do not contaminate water, food or feed by storage or disposal.

Unreacted or partially reacted form of this product is acutely hazardous.

Improper disposal of excess pesticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to the Applicator's Manual instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. For specific instructions, see "SPILL AND LEAK PROCEDURES" section of the Applicator's Manual. Some local and state waste disposal regulations may vary from these general recommendations. Disposal procedures should be reviewed with appropriate authorities to ensure compliance with local regulations. Contact your state Pesticide or Environmental Control Agency or Hazardous Waste Specialist at the nearest EPA Regional Office for guidance.

The aluminum flasks are nonrefillable containers. Do not reuse or refill aluminum flasks. Offer for recycling, if available. Triple rinse flasks and stoppers with water. They may be recycled or reconditioned, or punctured and disposed of in a sanitary landfill or by other procedures approved by state and local authorities. Rinsate may be disposed of in a sanitary landfill by pouring it out onto the ground or by other approved procedures. It is also permissible to remove lids and expose empty flasks to atmospheric conditions until residue in flasks is reacted. In this case, puncture and dispose of in a sanitary landfill or other approved site, or by other procedures approved by state and local authorities.

If properly exposed, the residual dust remaining after a fumigation with this product will be a grayish-white powder. This will be a non-hazardous waste and contain only a small amount of unreacted aluminum phosphide. However, residual dust from incompletely exposed form of this product, (so called green dust) requires special care.