

**PRECAUTIONARY STATEMENTS**  
Hazardous to Humans and Domestic

**KEEP OUT OF REACH OF CHILDREN**

**DANGER - POISON**

Aluminum phosphide powder, granules or tablets may be toxic if swallowed. Do not get in eyes, on skin or on clothing. Do not eat, drink or smoke while handling aluminum phosphide fumigants. If a sealed container is opened or the material comes in contact with moisture, water or acids, extremely toxic phosphine gas will be released. If a panic odor is detected, you must monitor to determine whether phosphine gas is present above the acceptable exposure limits (see section on respiratory protection). Since an odor may not be detected under certain circumstances, the absence of a panic odor does not mean that phosphine gas is absent. Observe proper application, timing, sealing and disposal procedures specified elsewhere in the label to prevent overexposure.

**NOTE TO PHYSICIAN:** Aluminum phosphide granules, powder, or tablets reacts with moisture in the air, acids, and many other liquids to release phosphine gas. Mild exposure by inhalation causes malaise, ringing of ears, fatigue, nausea, and pressure in the chest which is relieved by removal to fresh air.

Moderate poisoning causes weakness, vomiting, epigastric pain, chest pain, diarrhea and dyspnea. Severe poisoning may occur in a few hours to several days, resulting in pulmonary edema and may lead to confusion, cyanosis, unconsciousness and death.

In sufficient quantity, phosphine affects the liver, kidneys, lungs, nervous system, and circulatory system. Inhalation can cause lung edema and hyperemia, small perivascular brain hemorrhages and brain edema. Ingestion can cause lung and brain symptoms, but damage to the viscera is more common. Phosphine poisoning may result in (1) pulmonary edema, (2) liver elevated serum GOT, LDH and alkaline phosphatase, reduced prothrombin, hemorrhage and jaundice, and (3) kidney hematuria and anuria. Pathology is characteristic of hypoxia. Frequent exposure over a period of days or weeks may cause poisoning. Treatment is symptomatic.

**ENVIRONMENTAL HAZARDS**

"Environmental Hazards": This product is very highly toxic to wildlife. Non-target organisms exposed to phosphine gas in burrows will be killed. Do not apply directly to water or wetlands (swamps, bays, marshes, and ponds, etc). Do not contaminate water by cleaning of equipment and disposal of waste.

**SPILL AND LEAK PROCEDURES**

A spill other than incidental to application or normal handling may produce high levels of gas and therefore, all persons in contact with the spill should evacuate the area immediately. Do not use water at any time to clean up a spill of aluminum phosphide. Water in contact with unreacted tablets will greatly accelerate the production of phosphine gas which could result in a lethal and other hazard. Wear clothing gloves when handling pesticides.

Return all containers to cardboard cases or their suitable packaging which has been properly marked according to DOT regulations. Notify consignee and shipper of damaged cases.

If cans have been punctured or damaged so as to leak, the container may be temporarily resealed with aluminum tape or the aluminum phosphide may be transferred from the damaged cans to a sound metal container which should be sealed and properly labeled as aluminum phosphide. Transfer the damaged container to an area suitable for pesticide storage or incineration. Further instructions and recommendations may be obtained if required from:

**MIDLAND FUMIGANT, INC.**

**RESTRICTED USE PESTICIDE**  
USE TO ACHIEVE IMMEDIATE TOXICITY OF HIGHLY TOXIC FUMIGANT GAS

For release to and use only by Certified Applicators for those uses covered by the applicator certification or persons trained in accordance with the attached product manual, working under the direct supervision and in the physical presence of the Certified Applicator on site or on the premises. Read and follow the label and the Quick-phos product manual which contains complete instructions for the safe use of this pesticide.

**QUICK-PHOS**  
**ALUMINUM PHOSPHIDE FUMIGANT**  
**TABLETS**

A fumigant for use against stored grain and other commodities. A restricted use pesticide. Specified Processed Foods (e.g., Animal Products, Grain Products, etc.)

**ACTIVE INGREDIENTS**

Aluminum Phosphide	60%
<b>INERT INGREDIENTS</b>	40%
<b>Total</b>	100%
<b>Contents: 500 (13 gram), 1000 gram</b>	<b>Net Weight: 3.5 lbs.</b>

**KEEP OUT OF REACH OF CHILDREN**



**DANGER - PELIGRO - POISON**



**PRECAUTIONAL USUARIO:** Este producto es muy tóxico para la vida silvestre. No debe aplicarse directamente a aguas o humedales (swamps, bays, marshes, and ponds, etc). No contamine agua al limpiar el equipo y la disposición de los residuos.  
**ENVIRONMENTAL HAZARDS:** This product is very highly toxic to wildlife. Non-target organisms exposed to phosphine gas in burrows will be killed. Do not apply directly to water or wetlands (swamps, bays, marshes, and ponds, etc). Do not contaminate water by cleaning of equipment and disposal of waste.

**SPILL AND LEAK PROCEDURES:** A spill other than incidental to application or normal handling may produce high levels of gas and therefore, all persons in contact with the spill should evacuate the area immediately. Do not use water at any time to clean up a spill of aluminum phosphide. Water in contact with unreacted tablets will greatly accelerate the production of phosphine gas which could result in a lethal and other hazard. Wear clothing gloves when handling pesticides.

Return all containers to cardboard cases or their suitable packaging which has been properly marked according to DOT regulations. Notify consignee and shipper of damaged cases.

If cans have been punctured or damaged so as to leak, the container may be temporarily resealed with aluminum tape or the aluminum phosphide may be transferred from the damaged cans to a sound metal container which should be sealed and properly labeled as aluminum phosphide. Transfer the damaged container to an area suitable for pesticide storage or incineration. Further instructions and recommendations may be obtained if required from:

SEE SEE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
**MIDLAND FUMIGANTS COMPANY INC.**

P.O. Box 1014  
**ACCEPTED**  
NOV 16 1988  
43568-3  
MAY 16 1989  
ENTER THE SERIAL NUMBER  
ENTER THE DATE OF RECEIPT  
ENTER THE NAME OF THE BUYER  
ENTER THE NAME OF THE SELLER  
ENTER THE NAME OF THE STATE

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in a manner inconsistent with the label.  
This fumigant is a highly toxic gas and may be extremely irritating to the eyes, nose, mouth and throat. Before using, read and follow the precautions and directions on the label and the product manual. See Product Manual for Certified Applicators. Manual for temporary use directions available from Midland Fumigant, Inc., P.O. Box 1014, 415 E. 12th Street, Fort Worth, Texas 76101, (817) (301) 396-5151.

**Physical/Chemical Hazards**

Aluminum phosphide powder, granules or tablets are highly toxic. Phosphine gas is extremely toxic. It is highly flammable and reacts with water, acids and many other liquids. Filling of the gas cylinders or dust from their fragments may cause a fire or explosion and should be avoided. Do not fill cylinders.

A warning label on all aluminum phosphide containers contains an upper limit on the amount of gas that may be released. When opening a can, the container away from the face and body and away from the cap. Although the gas is highly flammable, never open these containers in a flammable atmosphere. These precautions will also reduce the applicator's exposure to phosphine gas.

Pure phosphine gas is practically insoluble in water and oils and is stable at normal temperatures, however, it may react with certain metals and cause corrosion, especially at higher temperatures and relative humidities. Metals such as copper, brass and other copper alloys and precious metals such as gold and silver are susceptible to corrosion by phosphine. Thus, small amounts of these metals, brass, copper, brass, solder, brass, batteries and battery chargers, iron, etc. temperatures, measuring systems, switching gear, contact relays, devices, computers, calculators or other electrical equipment should be covered or removed from the area.

Phosphine gas will also react with certain plastics and therefore, sensitive materials such as plastics, rubber, and other polymers, etc. should not be exposed.

**Disposal Statement**

**General Disposal Statement:** Do not discharge water, food or feed by storage or disposal. Unreacted or partially reacted aluminum phosphide is a highly toxic solid. Proper disposal of excess product, 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. For specific instructions, see Soil and Water Protection Section of Product Manual.

Some local and state laws or regulations may vary from the following 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.

**Tablet Waste:** Tablets and pieces of waste that are for recycling or incineration or burial and disposal in a sanitary landfill, or by other procedures approved by state and local authorities. Residue may be disposed of in a sanitary landfill, sanitary landfill, or by other approved procedures. It is also permissible to remove tablets and pieces of waste from containers and incinerate in the open air. The residue and pieces of waste in a sanitary landfill, or by other procedures approved by state and local authorities.

**Gas Waste:** The residue left in the container after 10 days with appropriate precautions will be considered as residue only. A final amount of unreacted material, however, remains in the container. This residue may be disposed of in a sanitary landfill.

See Panel 10, 11, 12 & 13 for Disposal Statement  
**MIDLAND FUMIGANT, INC.**

**WARRANTY**

Seller warrants that the product conforms to its chemical 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 in any other manner.