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NOTE TO PHYSICIAN: Aluminum phosphide granules, powder, or **BABA** react 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 cyanosis, cyanosis, unconsciousness and death.

In sufficient quantity, phosphine affects the liver, kidneys, lungs, nervous system, and circulatory system. Inhalation can cause lung edema and hypermia; 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 FACTORS

1. Intermittent exposure - The subject is only exposed to water for short periods of time. This is done by placing the subject in a tank with a high water level and a low level of water. The subject is then exposed to the water for a short period of time and then removed. This is repeated several times over the course of the experiment.

## SPILL AND LEAK PROCEDURES

1. The first step in the process of identifying a problem is to recognize that a problem exists. This is often done by comparing current performance with a desired state or goal. If there is a significant difference, a problem is identified.

SECRET

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DATE 08-07-2009 BY 60322 UCBAW/SJS

MIDLAND FUMIGANT, INC.

For retail sale 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 Curk-n-mos product manual which contains complete instructions for the safe use of this pesticide.

QUICK-PHOS  
ALUMINUM PHOSPHIDE FUMIGANT  
PELLETS

A fumigant for use against stored insects which infest raw Agriculture Commodities  
Spices and Processed Foods and Animal Feeds. (See Product Manual)

**ACTIVE INGREDIENT**

ALUMINUM PHOSPHIDE  
INERT INGREDIENTS

Contents 1662 grams

60%  
 40%  
 Total 100%  
 Net Weight 2.2 lbs

KEEP OUT OF REACH OF CHILDREN



DANGER - PELIGRO - ~~POISON~~



PRECAUCION AL USUARIO: Si usted no es ingeniero no se use este producto hasta que el  
o sea el fabricante de este aparato.

RECEIVED AT NEW YORK, N. Y. MAY 15 1964

1. In extreme cases of overdoses, use the following procedure: 1. Call for help. 2. If the person is unconscious, check for breathing. 3. If not breathing, start artificial respiration. 4. If the person is breathing, place them in the recovery position. 5. If the person is conscious, give them water. 6. If the person is unconscious, do not give them anything by mouth. 7. If the person is unconscious, do not give them anything by mouth. 8. If the person is unconscious, do not give them anything by mouth. 9. If the person is unconscious, do not give them anything by mouth. 10. If the person is unconscious, do not give them anything by mouth.

Some of the tablets are scored. The tablets are to be swallowed whole. Do not crush, chew, or break the tablets. If a patient has difficulty swallowing a tablet, the tablet may be crushed and mixed with a small amount of water or juice. Do not give anything by mouth if the patient is unconscious or has a seizure.

Use with caution on surfaces of aluminum, magnesium, or phosphide on skin. Brush with a stiff brush and wash with a weak solution of ca. 1%. A few drops of acetic acid in a very hot solution of washing soda can be used to remove stains. Only with soap and water should the skin be washed after contact with the solution.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

MIDLAND FUMIGANTS COMPANY INC

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**MAY 16 1989**

UNDER THE FEDERAL INSECTICIDE  
ACT, 1947, AND UNDER A  
FOR SALE OF INSECTICIDES ON REGISTER  
TO THE PUBLIC. SUBJECT  
TO THE PUBLIC'S COMPLAINTS

**DIRECTIONS FOR USE:**

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

This fungicide is a highly hazardous material and may only be used by individuals trained in its proper use. Before using, read and follow all precautions and directions on the label and in the product manual. See Product manual for QUICK PHOS Applicators Manual for complete use directions available from Midland Fungigant, Inc., P.O. Box 9155, 416 E. Bro. & Rd., Memphis, TN 38109-0155.

(901) 396-5151

### Physical/Chemical Hazards

Aluminum phosphides in tablets, pellets, bags or partially spent dust will release phosphine gas if exposed to moisture from the air or if it comes into contact with water, acids and many other liquids. Piling of tablets, pellets, bags or dust from their fragmentation may cause a temperature increase and confine the release of gas so that an explosion could occur.

Always open container of aluminum phosphide products outdoors as under certain conditions, they may flash upon opening. When opening, point the container away from the face and body and slowly loosen the cap. Although the chances for flash are very remote, 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 fumigation 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 electric motors, smoke detectors, brass sprinkler heads, batteries and battery chargers, fork lifts, temperature monitoring systems, switching gear, communication devices, computers, calculators or other electrical equipment should be protected or removed before fumigation. Phosphine gas will also react with certain metallic salts and, therefore, sensitive items such as photographic film, some inorganic pigments, etc., should not be enclosed.

### Disposal Statements

General Disposal Statements. Do not contaminate water, food or feed by storage or disposal. Unreacted or partially reacted aluminum phosphide is acutely hazardous. Improper disposal of excess 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. For specific instructions, see Spill and Leak Procedures section of Product Manual.

Some local and state waste disposal 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.

These three flasks and stoppers with water. Then after recycling or reconditioning or puncture and dispose of in a sanitary landfill or by other procedures as provided by state and local authorities. Resize may be disposed of in a sanitary sewer, sanitary landfill or by other approved procedures. It is also permissible to remove lids and expose empty flasks outdoors until residue in the flask is reacted. Then 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 aluminum phosphide will be gray-white and contain only a small amount of unreacted material. However, residual dust from incompletely exposed aluminum phosphide will require special care.

See Product Manual "Soil & Leak Procedures" section of Application Manual

## 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 contrary to label instructions.