

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic

KEEP OUT OF REACH OF CHILDREN

DANGER - POISON

Aluminum phosphide powder, granules or tablets 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. If a sealed container is opened, or if the material comes in contact with moisture, water or acids, extremely toxic phosphine gas will be released. If a garlic 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 garlic odor does not mean that phosphine gas is absent. Observe proper application, use of, reentry and disposal procedures specified elsewhere in the labeling to prevent overexposure.

NOTE TO PHYSICIAN: Aluminum phosphide granules, powder, or tablets 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 hyperemia, small perivascular brain hemorrhages and brain edema. Ingestion can cause lung and brain symptoms, but damage to the vessels there common. Phosphine poisoning may result in (1) pulmonary edema; (2) liver deranged serum GOT, LDH and alkaline phosphatase, reduced prothrombin, hemorrhage and jaundice, and (3) kidney hemorrhage 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 wide range organisms. Exposure to phosphine gas in burrows will be fatal. Do not apply directly to water or wetlands (swamps, bogs, marshes, and ponds). Do not contaminate water by cleaning of equipment or disposal of wastes.

SPILL AND LEAK PROCEDURES

Also, other than incidents of application or handling, handling may result in high levels of gas and therefore, breathing protection must wear 303A or 303B or equivalent when the concentration of phosphine gas is unknown. Only a QNH/MSHA approved respiratory protection may be worn if the concentration is known. Do not use water at any time to clean up spill of aluminum phosphide. Water in contact with untreated surfaces will greatly accelerate the production of phosphine gas which could result in a fire and/or be hazardous. Wear clothing gloves when handling pesticides.

Return all intact cans to cardboard cases or other 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 repaired 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 stored as aluminum phosphide. Transport the damaged container to an area suitable for pesticide storage for inspection. Further instructions on treatment of leaks may be obtained if required from: **MIDLAND FUMIGANT, INC.**

RESTRICTED USE PESTICIDE
DUE TO ACUTE INHALATION TOXICITY OF HIGHLY TOXIC PHOSPHINE GAS

For retail sale to and use only by Certified Applicators for those uses covered by the applicators 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 L-Fume product manual which contains complete instructions for the safe use of this pesticide.

L-FUME TABLETS

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

ACTIVE INGREDIENT

Aluminum Phosphide

INERT INGREDIENTS

Contents: 500 X 3 Tablets (Net Weight 1.50 g)

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DANGER - PELLETS - POISON

PRECAUTIONAL STATEMENTS

PRACICAL TREATMENT

SYMPTOMS

IF THE GAS FROM A CONTAINER IS DETECTED

IF POWDER, GRANULES, OR TABLETS OF ALUMINUM PHOSPHIDE COME IN CONTACT WITH MOISTURE

SEE DSDS PANEL FOR ADDITIONAL INSTRUCTIONS AND WARNINGS

EPA REG NO 30574-4 EPA EST NO 37434-Y-02

MIDLAND FUMIGANTS COMPANY INC.

ACCEPTED

30574-4

MAY 16 1989

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND ROSENICIDE ACT FOR THE CONTROL OF PESTS SUBJECT TO ATTACHED COMMENTS

DIRECTIONS FOR USE:

It is a violation of Federal Law to use this product in a manner inconsistent with labeling. This product is highly toxic. It is a restricted use pesticide. It is for use only by Certified Applicators 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 L-Fume product manual which contains complete instructions for the safe use of this pesticide.

Physical Chemical Hazards

Aluminum phosphide reacts with moisture in the air or other liquids to release phosphine gas. Exposure to moisture from the air or other liquids will release phosphine gas. Phosphine gas is highly toxic and may cause a fatal fire, explosion, and possibly a release of gas if a container is opened.

Always keep containers of aluminum phosphide products outdoors as long as possible. If exposed to moisture from the air or other liquids, open the container away from the face and body and slowly open the cap. Although the chances for flash are very remote, never open these containers in a flammable atmosphere. These precautions will also reduce the amount of exposure to phosphine gas.

Phosphine gas is highly toxic and may cause a fatal fire, explosion, and possibly a release of gas if a container is opened. Always keep containers of aluminum phosphide products outdoors as long as possible. If exposed to moisture from the air or other liquids, open the container away from the face and body and slowly open the cap. Although the chances for flash are very remote, never open these containers in a flammable atmosphere. These precautions will also reduce the amount of exposure to phosphine gas.

Storage and Handling

Store in a well ventilated area away from heat, open flame, acids, and other sources of ignition. Do not store near water. Store in a well ventilated area. Do not store near water. Do not store near water. Do not store near water.

Disposal Statements

General Disposal Statements: Do not contaminate water, land or food by storage or disposal. Unlabeled or partially labeled aluminum phosphide should be disposed of in accordance with the applicable Federal, State, and local laws. Do not use water to clean up spill of aluminum phosphide. Water in contact with untreated surfaces will greatly accelerate the production of phosphine gas which could result in a fire and/or be hazardous.

WARRANTY

Seller warrants that the product conforms to its chemical description and when used according to label directions under normal conditions of use. Seller is not responsible for the consequences stated on the label. Seller does not assume any liability for the use of the product in a manner inconsistent with the label directions.

Buyer warrants that the product conforms to its chemical description and when used according to label directions under normal conditions of use. Buyer is not responsible for the consequences stated on the label. Buyer does not assume any liability for the use of the product in a manner inconsistent with the label directions.