

PM 32 59209-3

1046

CENTER PANEL

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 applicator's certification or persons trained in accordance with the applicator's manual working under the direct supervision and in the physical presence of the certified applicator. Physical presence means on site or on the premises. Read and follow the label and the applicator's manual which contains complete instructions for safe use of this pesticide.

QUIK-FUME BAGS

Aluminum Phosphide Fumigant

A fumigant for use against listed insects which infest listed Raw Agricultural Commodities, Specified Processed Foods and Animal Feeds

Active Ingredient: Aluminum phosphide	60.0%
Inert Ingredients:	40.0%

PRECAUCION AL USUARIO : Si usted no lee ingles, no use este producto hasta que la etiqueta se le haya sido explicado ampliamente.

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO - POISON

STATEMENT OF PRACTICAL TREATMENT

SYMPTOMS of overexposure to phosphine are headache, dizziness, nausea, difficult breathing, vomiting and diarrhea. In all cases of overexposure, get immediate medical attention. Take the victim to a doctor or emergency treatment facility.

If the gas from aluminum phosphide is INHALED: move exposed person to fresh air. Keep person warm and make sure person can breathe freely. If breathing has stopped, give artificial respiration by mouth to mouth or other means of resuscitation. Do not give anything by mouth to an unconscious person.

ACCEPTED

SEP 1 1973

Check for correct formulation, strength, and trade name, as enclosed, for the pesticide registered under EPA Reg. No. 59209-3

BEST AVAILABLE COPY

2476

If aluminum phosphide powder, is **SWALLOWED**: Drink or administer one or two glasses of water and induce vomiting by touching back of throat with finger, or if available, syrup of ipecac. Do not give anything by mouth if the victim is unconscious or not alert.

If aluminum phosphide powder gets on **SKIN**: Brush material off clothes and shoes in a well ventilated area. Allow clothes to aerate in a ventilated area prior to laundering. Wash contaminated bare skin thoroughly with soap and water.

If in **EYES**: Flush with plenty of water. Get medical attention immediately.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT:

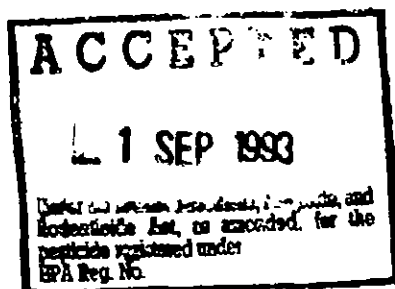
CONTENTS:

Manufactured by: United Phosphorus, 167 Dr. A.B. Road, Worli,
Bombay 400 018 INDIA

Manufactured for: INVENTA CORPORATION, 14 Phoenix Drive,
Mendham, NJ 07945 U.S.A.

E.P.A. Registration No.: 59209-3

E.P.A. Establishment No. : 41876-IY-1



LEFT PANEL

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

DANGER/POISON

Aluminum Phosphide powder, 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 into contact with moisture, water or acids, extremely toxic phosphine gas will be released. If a garlic odor is detected refer to the Applicator and Worker Exposure section of the applicator's manual for appropriate monitoring procedures. Pure Phosphine gas is odorless; the odor is due to a contaminant. 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, aeration, reentry and disposal procedures specified elsewhere in the labeling to prevent overexposure.

NOTE TO PHYSICIAN

Aluminum phosphide bags 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 are 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 dizziness, 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. For further information, contact the nearest National Poison Control Center.

BEST AVAILABLE COPY

4/28/6

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, bogs, marshes and potholes). Do not contaminate water by cleaning of equipment or disposal of wastes.

ENDANGERED SPECIES RESTRICTIONS - Refer to applicator's manual.

PHYSICAL AND CHEMICAL HAZARDS

Aluminum Phosphide 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 the bags may cause a temperature increase and confine the release of gas so that ignition could occur.

Always open containers of aluminum phosphide products outdoors or indoors, in the presence of appropriate mechanical ventilation as under certain conditions they may flash upon opening. When opening, point the container away from the face and body, and slowly open. 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, battery chargers, fork lifts, temperature monitoring devices, computers, calculators and other electrical equipment should be protected or removed before fumigation.

BEST AVAILABLE COPY

5076

RIGHT PANEL

DIRECTIONS FOR USE

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

The applicator's manual for Quik-Fume Tablets, Pellets and Bags is a part of labeling. Refer to it for application procedures and other information necessary to properly use Quik-Fume Tablets, Pellets and Bags.

STORAGE AND DISPOSAL

STORAGE

Store in a dry, well ventilated area away from heat, under lock and key. Post as a 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.

DISPOSAL

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

Unreacted or partially reacted aluminum phosphide is acutely hazardous. Improper disposal of excess pesticides or rinsate 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 E.P.A. regional office for guidance. For specific instructions refer to the Spill and Leak Procedures in the applicator's 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 the Hazardous Waste Representative at the nearest E.P.A. regional office for guidance.

Dispose of empty cans in a sanitary landfill or by other approved state and local procedures.

BEST AVAILABLE COPY

If properly exposed, the spent residual dust remaining after a fumigation with aluminum phosphide will be grayish-white and contain only a small amount of unreacted material. However, residual dust from incompletely exposed aluminum phosphide will require special care.

Bags containing spent aluminum phosphide may be collected and disposed in a sanitary landfill, incinerator or other approved sites or by other procedures approved by federal, state or local authorities.

For complete Disposal, Spill and Leak procedures refer to the applicator's manual for Quik-Fume Tablets, Pellets and Bags.

BEST AVAILABLE COPY