#### [CENTER PANEL]

# RESTRICTED USE PESTICIDE DUE TO 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's Manual for requirements of the physical presence of a Certified Applicator

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WEEVIL-CIDE® PELLETS

# WEEVIL-CIDE PELLETS Aluminum Phosphide Fumigant

FOR USE AGAINST LISTED INSECTS WHICH INFEST STORED COMMODITIES AND CONTROL OF BURROWING PESTS

**PRECAUCION AL USUARIO**: Si usted no leé ingles, no use este producto hasta que la etiqueta se le haya sido explicado ampliamente. (**TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

### KEEP OUT OF REACH OF CHILDREN

DANGER/PELIGRO - POISON



FIRST AID: Symptoms of exposure to this product are headaches, 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.

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IF INHALED	Move person to fresh air.
	• If person is not breathing, call 911 or an ambulance, begin artificial respiration immediately, preferably by mouth-to-
	mouth.
	Keep warm and make sure person can breathe freely.
	Contact a poison control center or doctor for treatment advice.
	Do not give anything by mouth to an unconscious person.
IF	Call a Poison control center or doctor immediately for treatment advice.
SWALLOWED	Have person drink one or two glasses of water and induce vomiting by touching back of throat with finger, or if
	available administer syrup of ipecac.
	Do not give anything by mouth to an unconscious person.
IF ON SKIN	Brush or shake material off clothes and shoes in a well-ventilated area.
OR	Allow clothes to aerate in a ventilated area prior to laundering.
CLOTHING	Do not leave contaminated clothing in occupied and/or confined areas such as automobiles, vans, motel rooms, etc.
	Wash contaminated skin thoroughly with soap and water.
IF IN EYES	Hold eye open and rinse slowly and gently with water for 15 - 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour emergency medical treatment, contact the National Pesticide Information Center 1-800-858-7378.

Note to Physician: Aluminum phosphide in WEEVIL-CIDE® Pellets reacts with moisture from the air, water, acids and many other liquids to release hydrogen phosphide (phosphine) gas. Mild exposure by inhalation causes malaise (indefinite feeling of sickness), ringing of ears, fatigue, nausea, and pressure in the chest, which is relieved by removal to fresh air. Moderate poisoning causes weakness, vomiting, 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 a body part), small perivascular brain hemorrhage 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 phosphatase, reduced prothrombin, hemorrhage and jaundice (yellow skin color) and (3) kidney hematuria (blood in urine) and anauria (abnormal or lack of urination). Pathology is characterized by hypoxia (oxygen deficiency in blood tissue). Frequent exposure to sub acute concentrations over a period of days or weeks may cause poisoning. Treatment is symptomatic.

See side panel for additional precautionary statements.

Manufactured for:Contents:1660 or 2500 PelletsUnited Phosphorus, Inc.Net Weight:1000 kg or 1500 g423 Riverview PlazaEPA Reg. No.70506-14Trenton, NJ 08611 www.upi-usa.com • 1-800-247-1557EPA EST No.41876-IY-1

## [LEFT PANEL]

#### PRECAUTIONARY STATEMENTS

#### **Hazards To Humans And Domestic Animals**

DANGER: WEEVIL-CIDE® Pellets or dust can 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, allowing material to come in contact with moisture, water or acids, toxic phosphine gas will be released. If a garlic odor is detected, for appropriate monitoring procedures, refer to section on Industrial Hygiene Monitoring in the Applicator Manual. 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, re-entry and disposal procedures specified elsewhere in the labeling to prevent overexposure.

#### **Physical and Chemical Hazards**

Aluminum phosphide WEEVIL-CIDE® Pellets and 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. Since phosphine may ignite spontaneously at levels above its lower flammable limit of 1.8% v/v, it is important not to exceed this concentration. Ignition of high concentrations of phosphine can produce a very energetic reaction. Explosions can occur under these conditions and may cause severe personal injury. Never allow the buildup of phosphine to exceed explosive concentrations. Do not confine spent or partially spent metal phosphide fumigants as the slow release of phosphine from this material may result in formation of an explosive atmosphere. Aluminum phosphide WEEVIL-CIDE Pellets outside the containers should not be stacked or piled up or contacted with liquid water. This may cause a temperature increase, increase the rate of gas production and confine the gas so that ignition could occur.

It is preferable to open containers of aluminum phosphide products in open air because under certain conditions, they may flash upon opening. Containers may also be opened near a fan or other appropriate ventilation that will rapidly exhaust contaminated air. When opening, invert the container several times then point the container away from the face and body and slowly loosen the cap. Although the chances for a flash are very remote, never open these containers in a flammable atmosphere. These precautions will also reduce the fumigator's exposure to phosphine gas. Containers may be opened inside the structure to be fumigated provided worker's exposure to phosphine gas does not exceed allowable limits.

Pure phosphine gas is practically insoluble in water, fats 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 gears, communication devices, computers, calculators and other electrical equipment should be protected or removed before fumigation. Phosphine will also react with certain metallic salts and, therefore, sensitive items such as photographic film, some inorganic pigments, etc., should not be exposed. Immediately after addition of phosphine to the structure, turn off any lights and unessential electric equipment.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Refer to the Applicator's Manual for detailed precautions, recommendations and directions for use.

General Information: WEEVIL-CIDE® is a fumigant which when applied according to label instructions is activated by atmospheric humidity. WEEVIL-CIDE® has been found effective against many stored products insects and their pre-adult stages - that is eggs, larvae, and pupae. Refer to the Applicator's Manual for specific commodities and burrowing pests species which may be fumigated.

THIS PRODUCT IS ACCOMPANIED BY AN APPROVED LABEL AND APPLICATOR'S MANUAL. READ AND UNDERSTAND THE ENTIRE LABELING AND APPLICATOR'S MANUAL. ALL PARTS OF THE LABELING AND APPLICATOR'S MANUAL ARE EQUALLY IMPORTANT FOR SAFE AND EFFECTIVE USE OF THE PRODUCT. CONSULT WITH YOUR STATE LEAD PESTICIDE REGULATORY AGENCY TO DETERMINE REGULATORY STATUS, REQUIREMENTS, AND RESTRICTIONS FOR FUMIGATION USE IN THAT STATE. CALL 1-609-392-8200/1-800-247-1557 IF YOU HAVE ANY QUESTIONS OR DO NOT UNDERSTAND ANY PART OF THIS LABELING.

### [RIGHT PANEL]

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storing pesticides in the same areas used to store these commodities.

#### **Storage Instructions**

- 1. Store WEEVIL-CIDE® Pellets in a dry, well ventilated area away from heat, under lock and key. Post as a pesticide storage area.
- 2. Do not store in buildings where humans or domestic animals reside. Keep out of reach of children.
- 3. WEEVIL-CIDE® Pellets are supplied in gas-tight, resealable aluminum flasks. Do not expose the product to atmospheric moisture any longer than is necessary and seal tightly before returning flasks to storage.

#### Pesticide Disposal

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

Unreacted or partially reacted WEEVIL-CIDE® 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 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 Disposal Instructions and Spill and Leak Procedures in the Applicator's Manual.

Some local and state waste disposal regulations may vary therefore disposal procedures must be reviewed with appropriate authorities to ensure compliance with these regulations. Contact your state Pesticide or Environmental Control Agency or Hazardous Waste Specialist at the nearest EPA Regional Office for guidance.

#### **Container Disposal**

Triple rinse flasks and stoppers with water. Then offer for recycling or reconditioning, or puncture and dispose 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 permissible to remove lids and expose empty flasks to atmospheric conditions 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 WEEVIL-CIDE® Pellets will be a grayish-white powder and contain only a small amount of unreacted aluminum phosphide. However, residual dust from incompletely exposed WEEVIL-CIDE® Pellets may require special care.

#### Spill and Leak Procedures.

General Precautions and Directions

A spill, other than incidental to application or normal handling, may produce high levels of gas and, therefore, attending personnel must wear SCBA or its equivalent when the concentration of hydrogen phosphide gas is unknown, Other NIOSH/MSHA approved respiratory protection may be worn if the concentration is known. Do not use water at any time to clean up a spill of WEEVIL-CIDE® Pellets. Water in contact with unreacted WEEVIL-CIDE® Pellets will greatly accelerate the production of hydrogen phosphide gas which could result in a toxic and/or fire hazard. Wear gloves of cotton or other material when handling aluminum phosphide.

Return all intact aluminum flasks to cardboard case or other suitable packaging which as been properly marked according to DOT regulations.

Notify consignee and shipper of damaged cases.

If aluminum flasks have been punctured or damaged so as to leak, the container may be temporarily repaired with aluminum tape or the WEEVIL-CIDE® Pellets may be transferred from the damaged flask to a sound metal container which should be sealed and properly labeled as aluminum phosphide. Transport the damaged containers to an area suitable for pesticide storage for inspection. Refer to the Applicator's Manual for more detailed Spill and Leak procedures.

# FOR CHEMICAL EMERGENCY: SPILL, LEAK, FIRE EXPOSURE, OR ACCIDENT, CALL CHEMTREC 1-800-424-9300.

**WARRANTY**: Seller warrants that this product conforms to its commercial description and when used according to label directions under normal conditions of use, it is reasonable 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.

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