



DEYIA PELLETT LABEL -- FRONT PANEL

RESTRICTED USE PESTICIDE
DUE TO ACUTE INHALATION TOXICITY OF HIGHLY
TOXIC HYDROGEN PHOSPHIDE (PHOSPHINE, PH₃) 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 accompanying product 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 Research Products Company product manual which contains complete instructions for the safe use of this pesticide.

Detla(R) PELLETS

A fumigant for the control of most stored product insects and their pre-adult stages.

Active Ingredient: Aluminum Phosphide.....57%
Inert Ingredients:.....43%
TOTAL.....100%

KEEP OUT OF REACH OF CHILDREN

DANGER/PELIGRO-POISON

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

STATEMENT OF PRACTICAL TREATMENT

Symptoms of overexposure to hydrogen phosphide are headache, dizziness, nausea, difficult breathing, vomiting and diarrhea. In all cases of overexposure get medical attention immediately. Take victim to the doctor or emergency treatment facility.

IF GAS OR DUST FROM PELLETS IS INHALED: Get exposed person to fresh air. Keep 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.

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02450 IF THE PELLETS OR THEIR DUST ARE SWALLOWED: Drink or administer
02500 one or two glasses of water and induce vomiting by touching back
02600 of throat with finger, or if available, administer syrup of
02650 ipecac. Do not give anything by mouth if victim is unconscious
02700 or not alert.
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02800 IF PELLETS OR THEIR DUST GET ON SKIN OR CLOTHING: Brush or
02850 shake material off clothes and shoes in well ventilated area.
02900 Allow clothes to aerate in a ventilated area prior to
02950 laundering. Do not leave contaminated clothing in occupied
03000 and/or confined areas such as automobiles, vans, motel rooms,
03050 homes, etc. Wash contaminated skin thoroughly with soap and
03100 water.
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03200 IF DUST FROM THE PELLETS GETS IN EYES: Flush with plenty of
(250 water. Get medical attention.
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03350 See side panels for additional precautionary statements.
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03450 Manufactured by: Detia Freyberg, GMBH
03500 P. O. Box 10
03550 6947 Laudenbach
03600 F.R. of Germany
03650

03700
03750 Distributed by: Research Products Company
03800 Div. of McShares, Inc.
03850 P. O. Box 1460
03900 Salina, KS 67402-1460
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04000

(1050 EPA Establishment No. 33982WG01 Net Contents:
1100 EPA Registration No. 2548-63 Net Weight:
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04300 LEFT PANEL
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04400 HAZARDS TO HUMANS AND DOMESTIC ANIMALS
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04500 KEEP OUT OF REACH OF CHILDREN
04550 DANGER/POISON
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04650 Aluminum phosphide in pellets or their dust can be fatal if
04700 swallowed. Do not get in eyes, in nose, on skin or on clothing.
04750 Do not eat, drink or smoke while handling aluminum phosphide
04800 fumigants. When the container is opened Detia(R) Pellets will
04850 begin to release hydrogen phosphide (phosphine) which is an
04900 extremely toxic gas. Contact with water, acids and some other
04950 liquids will accelerate this reaction. If a garlic odor is
05000 detected, refer to section on "Industrial Hygiene Monitoring" on
05050 page of the accompanying product manual for appropriate

05100 monitoring procedures. Pure hydrogen phosphide gas is odorless,
 05150 the odor is due to a contaminant. Since an odor may not be
 05200 detected under certain circumstances, the absence of a garlic
 05250 odor does not mean that hydrogen phosphide gas is absent.
 05300 Observe proper application, aeration, reentry and disposal
 05350 procedures specified elsewhere in the labeling to prevent
 05400 overexposure.

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 05500 FREQUENT EXPOSURE TO LOW CONCENTRATIONS ABOVE PERMISSIBLE LEVELS
 05550 OVER A PERIOD OF DAYS OR WEEKS MAY CAUSE POISONING.

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 05650 NOTE TO PHYSICIAN

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 05750 Aluminum phosphide in pellets or their dust reacts with moisture
 05800 from the air, water, acids, and many other liquids to release
 05850 hydrogen phosphide (phosphine) gas. Mild exposure by inhalation
 05900 causes malaise (indefinite feeling of sickness), ringing of
 05950 ears, fatigue, nausea and pressure in chest which are relieved
 06000 by removal to fresh air. Moderate poisoning causes weakness,
 06050 vomiting, epigastric pain (pain just above the stomach), chest
 06100 pain, diarrhea and dyspnea (difficulty in breathing). Symptoms
 06150 of severe poisoning may occur within a few hours or up to
 06200 several days, resulting in pulmonary edema (fluid in lungs) and
 06250 may lead to dizziness, cyanosis (blue or purple skin color),
 06300 unconsciousness and death.

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 06400 In sufficient quantity, hydrogen phosphide affects the liver,
 06450 kidneys, lungs, nervous system and circulatory system.
 06500 Inhalation can cause lung edema (fluid in lungs) and hyperemia
 06550 (excess of blood in a body part), small perivascular brain
 06600 hemorrhages and brain edema (fluid in brain). Ingestion can
 06650 cause lung and brain symptoms, but damage to the viscera (body
 06700 cavity organs) is more common. Hydrogen phosphide poisoning may
 06750 result in (1) pulmonary edema, (2) liver elevated serum GOT, LDH
 06800 and alkaline phosphatase, reduced prothrombin, hemorrhage and
 06850 jaundice (yellow skin color) and (3) kidney hematuria (blood in
 06900 urine) and anuria (abnormal or lack of urination). Pathology is
 06950 characteristic of hypoxia (oxygen deficiency in body tissue).
 07000 Treatment is symptomatic.

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07200 CLASSIFIED BY UNDERWRITERS LABORATORIES, INC.(R) AS TO FIRE
 07250 HAZARD ONLY WHEN USED SPECIFICALLY AS DIRECTED IN THE SEPARATE
 07300 INSTRUCTIONS THAT ARE PART OF THE PRODUCT LABELING. DETIA
 07350 PELLETS ARE NONCOMBUSTIBLE, BUT EXPOSURE TO MOIST AIR OR WATER
 07400 RELEASES FLAMMABLE AND TOXIC PHOSPHINE GAS. SPONTANEOUS
 07450 IGNITION MAY RESULT IF CONTACTED BY WATER, ACIDS OR CHEMICALS.
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RIGHT PANEL

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DIRECTIONS FOR USE

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

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The booklets "Application Procedures for Detia(R) Pellets and Detia(R) Tablets" and "Instructions for Intransit Fumigation of Ship Holds with Detia(R) Pellets and Tablets" are a part of labeling. Refer to them for application procedures and other information necessary to properly use Detia(R) Pellets.

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THIS PRODUCT IS ACCOMPANIED BY THE LABELING LISTED ABOVE. READ AND UNDERSTAND THE ENTIRE LABELING. ALL PARTS OF THE LABELING ARE EQUALLY IMPORTANT FOR SAFE AND EFFECTIVE USE OF THIS PRODUCT. CALL RESEARCH PRODUCTS COMPANY OR EPA IF YOU HAVE ANY QUESTIONS OR DO NOT UNDERSTAND ANY PART OF THIS LABELING.

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STORAGE AND DISPOSAL

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STORAGE

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Flasks should be stored in a dry, well ventilated area, away from heat and 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.

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Do not store in buildings where humans or domestic animals reside. Refer to the booklet "Application Procedures for Detia(R) Pellets and Detia(R) Tablets" for additional storage instructions.

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DISPOSAL OF UNREACTED OR PARTIALLY REACTED PELLETS (From spills, leaking flasks or other sources)

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Unreacted or partially reacted Detia(R) Pellets are acutely hazardous. Improper disposal of this product is a violation of federal law.

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If this product cannot be disposed of by ordinary use or according to labeling instructions, contact your state pesticide or environmental control agency or the hazardous waste representative at the nearest EPA regional office for guidance. Do not contaminate water by disposal.

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Reacted pellets are not hazardous. For complete disposal, spill and leak procedures refer to the booklet "Application Procedures for Detia(R) Pellets and Detia(R) Tablets".

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10500 DISPOSAL OF EMPTY FLASKS

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10600 METHOD ONE: Triple rinse flasks and stoppers with water. Then
10650 offer for recycling or reconditioning, or puncture and dispose
10700 of them in a sanitary landfill or other approved site or by
10750 other procedures approved by state and local authorities.
10800 Dispose of rinsate in a sanitary landfill or by other approved
10850 procedures.
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10950 METHOD TWO: Remove lids and place empty flasks outdoors or in
11000 structure being fumigated until residue in flasks is reacted.
11050 Puncture and dispose of them in a sanitary landfill or other
11100 approved site or by other procedures approved by state and local
11150 authorities.
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11250 GENERAL

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11350 Consult federal, state and local disposal authorities for
11400 approved procedures other than those given above. Approved
11450 procedures vary for different types of generators.
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11550 *If in doubt concerning whether the dust is reacted and/or
11600 concerning proper disposal techniques contact Research Products
11650 Company.

