72959-10	8-24-2006	Print Form
Please read instructions on reverse before completing form.	Form Approved	OMB No. 2070-0060, Approvel expires 2-28-
United State Environmental Protec Washington, DC 2	tion Agency	Registration Amendment Other – NOTIFICATION
Applica	tion for Pesticide - Section I	
1. Company/Product Number 72959–10	2. EPA Product Manager	3. Proposed Classification
4. Company/Product (Name) DETIA® FUMEX BAGS	PM#	
5. Name and Address of Applicant (Include ZIP Code) D&D HOLDINGS, INC. 153 TRIANGLE DRIVE WEYERS CAVE, VA 24486 Check if this is a new address	(b)(i), my product is similito: EPA Reg. No.	In accordance with FIFRA Section 3(c)(3) ar or identical in composition and labeling
	Product Name	
Amendment - Explain below.	Section - II Final printed labels Agancy latter dated	NOTIFICATION
Resubmission in response to Agency letter dated XX Notification - Explain below.	"Me Too" Applicat	AUG 2 4 2006
	Section - III	
1. Material This Product Will Be Packaged In:		
Child-Resistant Packaging Yes No No	Yes Text	2. Type of Container Metal Plastic Glass
* Certification must If "Yes" No. per be submitted	lf "Yes" No. per Package wgt container	Paper Other (Specify)
3. Location of Net Contents Information 4. Size(s) R	etail Container 5. Loca	tion of Label Directions On Label On Labeling accompaning product
6. Manner in Which Label is Affixed to Product	ograph Other or glued ciled	
	Section - IV	
1. Contact Point (Complete items directly below for identificat	ion of individual to be contacted, if neces	sary, to process this explication.]
Name SUSAN NICHOLS	Title EXEC. SECRETARY	Telephone No. (Include Area Code) 540-234-9281
Certific I certify that the statements I have made on this form an I acknowledge that any knowlinglly false or misleading s both under applicable law.	d all attachments thereto are true, accura	-
2. Signature Susan Nichols	3. Title EXEC. SECRETARY	·····
4. Typed Name SUSAN NICHOLS	5. Date 8/7/06	



# NOTIFICATION

AUG 2 4 2006

7 August 2006

The notification dated 7 August 2006 for Detia® Fumex Bags, EPA Reg. No. 72959-10, is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Susan &. Nichels

Susan H. Nichols DEGESCH America, Inc.



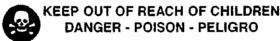
THIS PRODUCT MUST BE ACCOMPANIED BY AN APPROVED LABEL AND APPLICATOR'S MANUAL. READ AND UNDERSTAND THE ENTIRE LABELING AND APPLICATOR'S MANUAL. ALL PARTS OF THE LABELING AND APPLICA-TOR'S MANUAL ARE EQUALLY IMPORTANT FOR SAFE AND EFFECTIVE USE OF THIS PRODUCT. <u>CONSULT WITH YOUR STATE LEAD PESTICIDE REGULA-TORY AGENCY TO DETERMINE REGULATORY STATUS, REQUIREMENTS AND RESTRICTIONS FOR FUMIGATION USE IN THAT STATE.</u> CALL (540) 234-9281/1-800-330-2525 IF YOU HAVE ANY QUESTIONS OR DO NOT UNDERSTAND ANY PART OF THIS LABELING.

## RESTRICTED USE PESTICIDE

DUE TO HIGH 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.

FOR USE AGAINST INSECTS WHICH INFEST STORED C	
Active Ingredient: Aluminum Phosphide	7.0%
Inert Ingredients: 42	<u>3.0%</u>
Total	





**PRECAUCION AL USUARIO**: Si usted no lee 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.)

> D & D HOLDINGS, INC. P. O. Box 116 153 Triangle Drive Weyers Cave, VA 24486 USA Telephone: (540)234-9281/1-800-330-2525 Fax: (540)234-8225 Internet: www.degeschamerica.com E-mail: degesch@degeschamerica.com EPA Est. No.: 33982-WG-01 EPA Reg. No. 72959-10

Form 23105 R1/04) (P1/04)

## 1. 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.

## If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance; give artificial respiration, preferably by mouth-to-mouth, if possible.
- · Keep warm and make sure person can breathe freely.
- · Call a poison control center or doctor for further treatment advice.

### If swallowed:

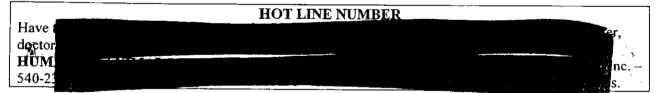
- · Call a poison control center or doctor immediately for treatment advice.
- Have person drink one or two glasses of water and induce vomiting by touching back of throat with finger, or if available, administer syrup of ipecac.
- · Do not give anything by mouth to an unconscious person.

## If on skin or clothing:

- Brush or shake material off clothes and shoes in a well-ventilated area. Allow clothes to aerate in a ventilated area prior to laundering.
- 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.



## 2. NOTE TO PHYSICIAN

Aluminum phosphide fumigants react with moisture from the air, water, acids and many other liquids to release phosphine gas. Mild inhalation exposure 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, cyariosis (or use 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

# FOR ASSISTANCE CONTACT:

DEGESCH AMERICA, INC. 153 Triangle Drive P. O. Box 116 Weyers Cave, VA 24486 USA Telephone: (540)234-9281/1-800-330-2525 Fax: (540)234-8225 Internet: www.degeschamerica.com 578

or

For Huma	00-308-4856	
For All O		

#### PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals:

DANGER: DETIAG FUMEX or dust 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 furnigants. 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 gartic odor is detected, for appropriate monitoring procedures, refer to section on Industrial Hygiene Monitoring in the Applicator's 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 gartic 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.

\*\*•<u>\*</u>•

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

DETIA® FUMEX and its partially spent dust will release hydrogen phosphide if exposed to moisture from the air or if it comes into contact with water, acids and many other liquids. Piling of DETIA® FUMEX or dust may cause a temperature increase and confine the release of gas so that ignition could occur, It is recommended that you open aluminum phosphide products in open air or near a fan which exhausts outside immediately. Never open in flammable atmosphere because on rare occasions it may flash. When opening, point the container away from the face and body. These precautions will also reduce the applicators exposure to phosphine gas

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 humidity.

Metals such as copper, brass, and other copper alloys, and precious metals such as gold and sliver are susceptible to corrosion by phosphine, especially at high temperatures and humidity. Thus, items such as small electric motors, smoke detectors, brass sprinkler heads, batteries and battery chargers, forklifts, temperature monitoring systems, electrical switchgear, communication devices, computers, calculators, watches and other electronic equipment should be protected or removed before furnigation. Hydrogen phosphide will also react with certain metallic saits and, therefore, such items as photographic film, copying paper and some inorganic pigments, etc. should not be exposed.

Note to Physician: Aluminum phosphide fumigants react with moisture from the air, water, acids and many other liquids to release phosphine gas. Mild inhalation exposure 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. diarrhee 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 hemorrhages 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 anuria (abnormal or lack of urination). Pathology is characteristic of hypoxia (oxygen deficiency in body tissue). Frequent exposure to concentrations above permissible levels over a period of days or weeks may cause poisoning. Treatment is symptomatic

The following measures are suggested for use by the physician in accordance with his own judgment:

In its milder forms, symptoms of poisoning may take some time (up to 24 hours) to make their appearance and the following is suggested: 1. Give complete rest for 1-2 days, during which the patient must be kept quiet and warm.

2. Should patient suffer from vomiting or increased blood sugar, appropriate solutions should be administered. Treatment with oxygen breathing equipment is recommended as is the administration of cardiac and circulatory stimulants.

In cases of severe poisoning (Intensive Care Unit recommended):

Where pulmonary edema is observed, steroid therapy should be considered and close medical supervision is recommended. Blood transfusions may be necessary.

- In case of manifest pulmonary edema, venesection should be performed under vein pressure control. Heart glycosides (I.V.) (in case of hemoconcentration, venesection may result in shock). Upon pro-gressive edema of the lungs, immediate intubations with a constant removal of edema fluid and oxygen over-pressure respiration, as well as measures required for shock treatment are recommended. In case of kidney failure, extracorporeal hemodialysis is necessary. There is no specific antidote known for this poisoning.
- 3. Mention should be made here of suicidal attempts by taking solid phosphide by mouth. After swallowing, emptying of the stomach by vomiting, flushing of the stomach with diluted potassium permanganate solution or a solution of magnesium peroxide until flushing liquid ceases to smell of carbide is recommended. Thereafter, apply medicinal charcoal

#### DIRECTIONS FOR USE

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

General Information: DETIA® FUMEX is a fumigant which, when applied according to label instructions is activated by atmospheric humidity. DETIA® FUMEX has been found effective against many stored product insects and their pre-adult stages - that is eggs, larvae, and pupae. Refer to the Applicator's Manual for specific species and commodities which may be furnigated. Refer to the Applicator's Manual for detailed precautions, recommendations and directions for use.

THIS PRODUCT MUST BE ACCOMPANIED BY AN APPROVED APPLICATOR'S MANUAL READ AND UNDERSTAND THE ENTIRE LABELING. CONSULT WITH YOUR STATE LEAD PESTI-CIDE REGULATORY AGENCY TO DETERMINE REGULATORY STATUS. REQUIREMENTS AND RESTRICTIONS FOR FUMIGATION USE IN THAT STATE. CALL DEGESCH AMERICA, INC. OR EPA'S OFFICE OF PESTICIDE PROGRAMS IF YOU HAVE ANY QUESTIONS OR DO NOT UNDERSTAND ANY PART OF THIS LABEL.

**RESTRICTED USE PESTICIDE** 

### DUE TO HIGH 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 manual for requirements of the physical presence of a Certified Applicator.

### FUMEX

FOR USE AGAINST LISTED INSECTS WHICH INFEST STORED COMMODITIES

**KEEP OUT OF REACH OF CHILDREN** DANGER - POISON - PELIGRO

ACTIVE INGREDIENT: ALUMINUM PHOSPHIDE.		0%
INERT INGREDIENTS		0%
TOTAL	100.0	0%

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le hava sido explicada ampliame

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

#### FIRST AID

Symptoms of overexposure 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.

#### If inhaled:

- · Move person to fresh air.
- · If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Keep warm and make sure person can breathe freely.
- Call a poison control center or doctor for further treatment advice
- if swallowed:
- Call a poison control center or doctor immediately for treatment advice.
- · Huve 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 or ctothing:
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  - Allow clothes to aerate in a ventilated area prior to laundering.
  - · 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

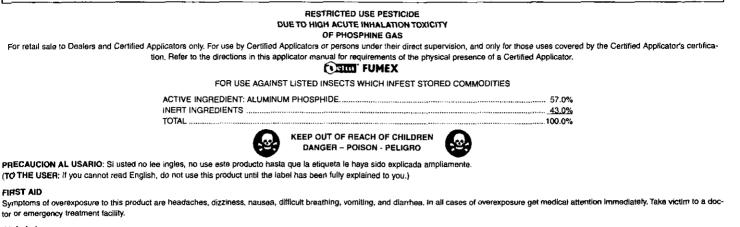
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	340-234-3281/1-000-3	or galacites.	

Manufactured for:

D & D HOLDINGS, INC. P.O. Box 116 153 Triangle Drive Wevers Cave, VA 24486 USA Telephone: (540) 234-9281/1-800-330-2525 · Fax: (540) 234-8225 Internet: www.degeschamerica.com E-mail: degesch@degeschamerica.com

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- Call a poison control center or doctor immediately for treatment advice.
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	Have the product cont	atrobenter,	
Have the product container or label with you when	doctor, or when going	write	SCH AMERICA, INC (540) 234-9281/1-800-
330-2525 or CHEMTREC - 800-424-9300 for emer	HUMAN OR AND	.noerica, foc )	
	540-234-9281/1-800-3	 nergencies.	

Manufactured for:

D & D HOLDINGS, INC.

P.O. Box 116

153 Triangle Drive

Wevers Cave, VA 24486 USA Telephone: (540) 234-9281/1-800-330-2525 · Fax: (540) 234-8225

## Internet: www.degeschamerica.com

E-mail: degesch@degeschamerica.com FPA Est. No. 33982-WG-01

EPA Reg. No. 72959-10

### Contents; 50 pouches of 10 - 34g each Furnex bags (500 bags/pail) Net Weight: 17.0 kg

### Form 32758

#### STORAGE AND DISPOSAL

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

#### Storage Instructions:

- Store DETIA® FUMEX in a dry, well- ventilated area away from heat, under lock and key. Post as a pesticide storage area.
- Do not store in buildings where humans or domestic animals reside. Keep out of reach of children.
- DETIA® FUMEX is supplied in foil pouches which are, in turn, packed in resealable metal drums. Once the foil pouch is opened the entire contents must be used. 3.
- The shelf life of DETIAO FUMEX is virtually unlimited as long as the pouches are not opened. 4

#### Peeticide Disposal:

Do not contaminate water, food or feed by storage or disposal. Unreacted or partially reacted DETIA® FUMEX 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 labet 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 from the follow-ing, 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.

### Container Disposai:

Triple rinse empty pouches with water. Dispose of in a sanitary landfill, or by other procedures approved by state and local authonties. 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 expose FUMEX bags to atmospheric conditions until residue in the bag is reacted. Then 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 funigation with DETIA® FUMEX will be a gravish-white powder and contain only a small amount of unreacted aluminum phosphide. However, residual dust from incompletely exposed DETIA® FUMEX may require special care.

#### Split and Leak Procedures:

General Precautions and Directions:

A split, 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 phosphida 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 FUMEX. Water in contact with unreacted FUMEX 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 if contact with aluminum phosphide is likely

Return all intact toil pouches to cardboard cases or other suitable packaging which has been properly marked according to DOT regulations.

#### Notify consignee and shipper of damaged cases.

If foil pouches have been punctured or damaged so as to leak, they may be temporarily repaired with aluminum tape. Transport the damaged pouches to an area suitable for pesticide storage for inspection. Refer to the Applicator's Manual for more detailed Spill and Leak procedures. Further information and recommendations may be obtained, if required, from DEGESCH AMERICA, INC.

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 reasonably fit for the purposes stated on the label. Seller makes no other warranty, either express or implied, and Buyer assumes all risks should the product be used contrary to label instructions.

Classified by UL, Inc. as to fire hazard only when used specifically as directed in the instructions on this container and supplemental labeling. DETIA@ FUMEX is noncombustible, but exposure to moist air or water releases flammable and toxic phosphine gas. Spontaneous ignition may result if contacted by water, acids or chemicals.





1101



153 Triangle Drive P. O. Box 116 Weyers Cave, Virginia 24486 Telephone: 540/234-9281 / 1-800-330-2525 Telecopier: 540/234-8225 Internet address: www.degeschamerica.com e-mail: degesch@degeschamerica.com

7 August 2006

Ms. Joyce M. Edwards Document Processing Desk (NOTIF) Notification Review Coordinator Registration Division (7505P) U.S. Environmental Protection Agency One Potomac Yard 2777 S. Crystal Dr. Arlington, VA 22202

Re: D&D Holdings, Inc. EPA Reg. Nos. 72959-1; 72959-2; 72959-3; 72959-4; 72959-5; 72959-6; 72959-7; 72959-8; 72959-9; 72959-10; 72959-11

Dear Ms. Edwards:

We hereby enclose Notification Submissions for the above referenced product registrations. We have added an additional medical emergency contact telephone number. Also enclosed is the required one (1) copy marked container label and Applicator's Manual along with our certification statement.

Please let me know if you have any questions or need additional information.

Sincerely,

DEGESCH AMERICA, INC.

can Nichols'

Susan Nichols Executive Secretary

/sn Enclosures