



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Steven R. Rogosheske  
Chem-Tech, Ltd.  
4515 Fleur Drive, #303  
Des Moines, IA 50321

FEB 19 2010

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Mr. Rogosheske:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 2007-4 dated November 20, 2009 for:

**EPA Registration 47000-103**

**CT 10 Concentrate**

**EPA Registration 47000-74**


**VAP-5**

The Registration Division (RD) has conducted a review of this request for applicability under PR Notices 2007-4 and finds that the label changes requested falls within the scope of PR Notices 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.

Sincerely,

  
Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs



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Print Form

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 47000-74	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) VAP 5	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Chem-Tech, Ltd. 4515 Fleur Drive, #303 Des Moines, IA 50321  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  <b>FEB 19 2010</b>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification per PR Notice 2007-4. See attached Certification statement.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> Text		<input checked="" type="checkbox"/> Metal	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input checked="" type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1, 2.5 & 5 gal.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Steve Rogosheske	Title Director Regulatory Affairs	Telephone No. (Include Area Code) 515-287-6778
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature 	3. Title Director Regulatory Affairs	
4. Typed Name Steven E. Rogosheske	5. Date 2-16-10	

Notification of label change per PR Notice 2007-4 This notification is consistent with the provisions of PR Notice 2007-4 and EPA regulation at 40 CFR Sec 156 10, 156 140, 156 144, 156 146, and 156 156 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 statement to EPA I further understand that if the amended label is not consistent with the requirements of 40 CFR Sec 156 10, 156 140, 156 144, 156 146, and 156 156, 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

Signed

  
Director Regulatory Affairs  
CHEM-TECH, Ltd

Director Regulatory Affairs  
CHEM-TECH, Ltd





4515 Fleur Dr. #303 • Des Moines, IA 50321 • Phone: (515) 287-6778  
FAX: (515) 287-6923

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November 20, 2009

Document Processing Desk (NOTIF)  
Office of Pesticide Programs – RD (7504P)  
U. S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Subject: NOTIFICATION  
**VAP-5**  
**EPA Reg. No. 47000-74**

Notification Team:

Chem-Tech, Ltd. is submitting the subject product for notification to change the **Storage and Disposal** statements to comply with PR Notice 2007-4. All changes with regard to this notification are being filed in accordance with PR-Notice 2007-4 and therefore do not require any PRIA registration fee.

Along with the application form are two (2) copies of the label with the changes highlighted on one. If there are any questions regarding this submission please contact this office.

Sincerely,

Steven E. Rogosheske  
Director Regulatory Affairs  
Phone and Fax: (515) 287-6778  
E-mail: [srogo@prozap.com](mailto:srogo@prozap.com)

Enclosures



**VAP-5**

**NOTIFICATION**

**FEB 19 2010**

**5% VAPONA INSECTICIDE**

**FOR SALE TO USE AND STORAGE BY COMMERCIAL AND INDUSTRIAL APPLICATORS ONLY**

For use in Warehouses Railroad Cars Stationary Trucks Flour Mills Grain Mills Rice Mills containing non perishable packaged or bagged raw processed food/feed commodities or bulk raw or processed food/feed commodities For use in Non food/Feed Areas of Food/Feed Handling Establishments Restaurants and other areas where food is commercially prepared or processed

ACTIVE INGREDIENTS	% w/w
Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate)	4.90**
Related Compounds	0.10
Other Ingredients	95.00
<b>Total</b>	<b>100.00%</b>

\*Contains petroleum distillate

\*\*Equivalent to 5% Vapona Insecticide

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER** (skull & crossbones) **POISON**  
 See Side Panels for Additional Precautionary Statements

**FIRST AID**

**If swallowed** Immediately call poison control center or doctor. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**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.

**If on skin or clothing** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

**If inhaled** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment.

For emergency information, contact the National Pesticide Information Center at 1-800-858-7378 between 6:30 am and 4:30 Pacific Time. After 4:30, call your poison control center.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN**

**Symptoms** Symptoms include weakness, headaches, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

**Treatment** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, atropine should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. 2-PAM is also antidotal and may be administered in conjunction with atropine. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test.

Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

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PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS

**DANGER**

Fatal if swallowed inhaled or absorbed through the skin Do not get in eyes on skin or on clothing Do not breathe vapor or spray mist Wash hands arms and face with soap and water after handling and before eating drinking chewing gum or using tobacco

Do not contaminate food products by direct contact with liquid

**Personal Protective Equipment (PPE)**

Some materials that are chemical resistant to this product are listed below If you want more options follow the instructions of category C on an EPA chemical resistance category selection chart in the Worker Protection Standard

**Applicators and other Handlers Must Wear**

Coveralls over long sleeved shirt and long pants

Chemical resistant gloves such as Barrier Laminate Butyl Rubber Nitrile Rubber Neoprene Rubber Polyvinyl Chloride or Viton

Chemical resistant footwear plus socks

Protective eyewear

Chemical resistant headgear for overhead exposure

Chemical resistant apron required for mixing/loading and cleaning equipment

Respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC 23C) or a canister approved for pesticides (MSHA/NIOSH approval number TC 14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R P or HE prefilter Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products concentrate Do not reuse them

Follow manufacturer s instructions for cleaning and maintaining PPE If no such instructions for washables use detergent and hot water Keep and wash PPE separately from other laundry

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish birds and other wildlife Keep out of any body of water Do not contaminate water by disposal of equipment washwaters Apply this product only as specified on this label

**PHYSICAL OR CHEMICAL HAZARDS**

Combustible Do not use or store near heat or open flame

**DIRECTIONS FOR USE**

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

**VAP 5** is a specifically formulated insecticide designed for use in the control of exposed stages of stored products insects infesting warehouses silos bulk bins and food/feed processing food/feed manufacturing handling and storage plants containing non perishable packaged or bagged raw or processed food/feed commodities or bulk raw or processed food/feed commodities and non food/feed areas of processing and manufacturing plants

Non food/feed processing and manufacturing plant use areas include garbage rooms lavatories floor drains (to sewer entries and vestibules) offices locker rooms machine rooms boiler rooms garages mop closets and storage (after canning or bottling)

The term non perishable means any raw or processed food/feed not subject to rapid decay or deterioration that would render it unfit for consumption

Raw commodities would include animal feed cocoa beans dried beans grain crops peanuts soybeans and nut crops Raw commodities do not include eggs milk meat poultry fish fresh fruits and vegetables

Processed food/feed would include flour sugar cereals packaged goods and crackers Processed food/feed do not include hermetically sealed food/feed or manufactured dairy products and other processed food/feed requiring freezing or refrigeration

When using in food/feed processing food/feed manufacturing handling and storage areas Apply only during times when plant is not in operation and no food/feed products are exposed If bulk unpackaged food/feed are exposed remove or

cover before treatment begins. All food/feed processing surfaces should be covered during treatment or thoroughly cleaned before using.

#### NOTE: USE IS PROHIBITED IN

Food/feed manufacturing establishments: bottling plants (including wineries, breweries, soft drinks), frozen food/feed (including pizza and ice cream plants), excluding non food/feed manufacturing areas.

Food/feed processing establishments: meat, poultry and seafood slaughtering and/or packing plants (including edible fats and oils), frozen food/feed plants (including fruit and vegetable), dairy product plants (including milk processing plants), excluding non food/feed processing areas.

#### USE AND APPLICATION DIRECTIONS

For the control of exposed stages and the prevention of migration of most species of stored product insects: granary weevils, rice weevils, confused flour beetles, saw-toothed grain beetles, cigarette beetles, Indian mealmoths and cocoa bean moths.

**FOGGING—VAP 5** may be used in most types of fogging devices with the exception of the Thermal fogger. The rate of application should be between 1-2 grams of actual dichlorvos per 1000 cu. ft. or ½ to 1 ounce of liquid per 1000 cu. ft.

Check amount of liquid in insecticide tank or auxiliary tank before and after treatment to assure proper dosage has been applied. Return unused insecticide to original container and clean machine outdoors using an approved solvent before returning to truck or storage area. This will help preserve equipment and prevent cross contamination.

All treatment should be made during hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unprotected workers to enter building during treatment. Place Warning signs at all entrances stating:

'This building should be opened and aired prior to re-entry to unprotected workers. This building must not be entered without personal protection equipment for 24 hours or until a direct indicating short-term concentration monitoring device (e.g., a Dräger Tube) indicates that the DDVP air concentration is equal to or less than 50% of the PEL (0.1 ppm). An air concentration of 0.05 ppm or less is required for entry without personal protection equipment. Do not enter prior to \_\_\_\_\_ o'clock on \_\_\_\_\_ (date) without personal protection equipment unless air concentrations of DDVP are 50% of the PEL or less.'

Keep a minimum 7-day interval between applications except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams a.i. per 1,000 cubic feet of headspace.

Do not make applications when temperatures are below 60 °F.

**SPACE SPRAY AND CONTACT SPRAY (NON FOOD/FEED PROCESSING AREAS ONLY)** – Non Food/Feed Areas of Food/Feed Handling Establishments are areas such as garbage rooms, lavatories, floor drains (to sewers, entries and vestibules), offices, locked rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning and bottling). Dilute to 1-3% with an approved solvent and apply at the rate of 1 gallon spray per 64,000 cu. ft. to kill roaches, silverfish, fleas, waterbugs, earwigs, ants, spiders in shelter situation. Adjust a ULV spraying device to a coarse spray for control of the above-listed crawling insects. Contact as many of the insects with the spray as possible. Thoroughly spray all parts of the room suspected of harboring these insects. Special attention should be paid to cracks, hidden surfaces under equipment, and food storage areas. Then adjust the ULV device to deliver a fine spray for use as a space spray. Sweep up and destroy dead insects.

**FOR USE AS A CONTACT SPRAY** – Dilute to 1% and spray 1 pint per 10,000 cubic feet or 1,000 square feet of floor space.

Do not use in the edible product areas of food/feed processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

#### GENERAL OPERATING INSTRUCTIONS

(For specific operating instructions, refer to Manufacturer's Instruction Booklet furnished with machine.)

1. Having calculated amount of time required for treatment and flow rate required, place machine at farthest point from intended exit.
2. Direct nozzle(s) upward and pointed down aisle, not directly toward any nearby object.
3. Start machine and adjust flow to desired rate. Calibrate if necessary. Refer to operating manual.
4. Operate for calculated time period. Begin by backing along precalculated path at predetermined speed.



- 5 When treatment time has been completed stop insecticide flow by closing valve Wait until spray stops stop machine and remove from area
- 6 Wait at least 6 hours after completion of treatment before ventilating 12 or 16 hours exposure may be used if convenient or preferred in which case ventilation is not necessary

### STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

**Pesticide Storage** Store containers in a secure area under lock and key Do not store with food or food stuffs Storage area should be equipped to handle an accidental spill

**Pesticide Disposal** Pesticide wastes are acutely hazardous Improper disposal of excess pesticide spray mixture 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 EPA Regional Office for guidance

#### Container Handling

Nonrefillable container Do not reuse or refill this container Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip Fill the container ¼ full with appropriate spray oil and recap Shake for 10 seconds Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times Then offer for recycling if available if available or puncture and dispose of in a sanitary landfill or by incineration Do not burn unless allowed by state and local ordinances

#### NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions presence of other materials or the manner of use or application all of which are beyond the control of Chem Tech Ltd the manufacturer or seller To the extent allowed by law Chem Tech Ltd the manufacturer or seller shall not be liable for consequential special or indirect damages resulting from the use or handling of this product All such risks shall be assumed by the buyer

Except as expressly provided herein Chem Tech Ltd the manufacturer or seller makes no warranties guarantees or representations of any kind either express or implied or by usage of trade statutory or otherwise with regard to the product sold including but not limited to merchantability fitness for a particular purpose use or eligibility of the product for any particular trade usage Buyer's or user's exclusive remedy and Chem Tech Ltd's the manufacturer's or seller's total liability shall be for damages not exceeding the cost of the product

NET CONTENTS 5 GALLONS (18.93 LITERS)

EPA REG NO 47000-74

EPA EST NO 47000 IA-1

Mfr by  
CHEM-TECH LTD  
4515 FLEUR DR  
DES MOINES IA 50321