

47000-14

1/30/2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JAN 30 2004

Mr. Patrick Rolfes
Chem-Tech, Ltd.
4515 Fleur Drive #303
Des Moines, IA 50321

Subject: Amendment Updating First Aid/Disposal Per PR Notice 2001-1
VAP-5
EPA Reg. No. 47000-74
Your Resubmission Dated November 26, 2003

Dear Mr. Rolfes:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comment below. Two copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. In the paragraph under "Hazards to Humans & Domestic Animals", add the statement "Do not breathe vapor or spray mist." We inadvertently omitted this requirement from our November 19, 2003 letter.

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Stanton, for".

George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosure



VAP-5

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:

Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate).....
Related Compounds.....
Other Ingredients.....
Total.....

% w/w
4.90**
0.10
95.00
100.00%

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

JAN 30 2004

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.**

47000-74

*Contains petroleum distillate.

**Equivalent to 5% Vapona Insecticide

**KEEP OUT OF REACH OF CHILDREN
DANGER (skull&crossbone) POISON**

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. 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 auxilliary 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 Drager 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 head space.

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.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store containers in a secure area under lock and key. 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 Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

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.
DES MOINES, IA 50321