



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

January 25, 2021

Ms. Susan Westra  
Product Registration Manager  
Animal Safety/Rodenticides/Insecticides  
Neogen Corporation  
110 Hopkins Drive  
Randolph, Wisconsin 53956

Subject: Label Amendment – Label amendment for compliance with the Dichlorvos (DDVP) RED  
Product Name: VAP-5  
EPA Registration Number: 47000-74  
Application Date: February 27, 2017  
Decision Number: 527166

Dear Ms. Westra:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Virna Stillwaugh by phone at 703-347-8506, or via email at [Stillwaugh.Virna@epa.gov](mailto:Stillwaugh.Virna@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Shanta Adeeb". The signature is written in a cursive, flowing style.

Shanta Adeeb, Product Manager 10  
Invertebrate-Vertebrate Branch 2  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

## RESTRICTED USE PESTICIDE

Due to primary eye irritation. For retail sale to and use *only* by certified applicators or persons under their direct supervision and *only* for those uses covered by the certified applicator's certification.

## VAP-5

### 5% VAPONA INSECTICIDE

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 commonly prepared or processed.

#### ACTIVE INGREDIENTS:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate)..... 5.0%

OTHER INGREDIENTS:..... 95.0%

TOTAL..... 100.0%

\* Contains Petroleum Distillates

This product contains 0.336 pounds of DDVP per gallon.

EPA Reg. No. 47000-74

EPA Est. No. 47000-IA-01

KEEP OUT OF REACH OF CHILDREN

**DANGER – PELIGRO**

**POISON**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

Net Contents: 5 gallons (18.93 liters)

Manufactured By:  
Chem-Tech, Ltd.  
1006 Business Hwy 5  
Pleasantville, IA 50225 U.S.A.

**ACCEPTED**

01/25/2021

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 47000-74

{**Note to Reviewer:** Items in [brackets] represent optional language. Standard measurements may be abbreviated or written out. "[This product]" supports the addition of the product brand name, which must be formatted in a size consistent with the surrounding body text. For brand names used in body text, **bold**, *italic*, and/or ALL CAPITALS is also permitted. Additional/optional marketing statements are listed on the last page(s) of this label. Section headers may be centered or formatted for emphasis, consistent with general label layout.}

<b>FIRST AID</b> <b>Organophosphate</b>	
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on Skin or on Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital.</li> <li>• Do not give any liquid to the patient.</li> <li>• Do not administer anything by mouth to an unconscious person.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p><b>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.</b> Contains petroleum distillate. Vomiting may cause aspiration pneumonia.</p> <p><b>POISONING SYMPTOMS:</b> This product is a cholinesterase inhibitor. Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive and pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.</p> <p><b>TREATMENT:</b></p> <p>Atropine is the specific therapeutic antagonistic of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10 minute intervals, in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. 2-PAM is also antidotal and may be administered in conjunction with atropine. Clear chest by postural drainage. Repeated exposure to cholinesterase inhibitors without warning cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been allowed as determined by blood test.</p>	
<p><b>Have product container or label with you when calling a poison control center, doctor, or going for treatment.</b></p> <p><b>For 24-hour emergency information on this product, call</b>  <b>1-800-498-5743 (US &amp; Canada) or 1-651-523-0318</b></p>	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin.

#### Personal Protective Equipment (PPE):

Mixers, loaders, applicators, and other handlers must wear:

- Goggles or face shield,
- Long-Sleeve Shirt,

- Long Pants,
- Shoes and Socks, and
- Chemical-resistant gloves (barrier laminate, nitrile, or Viton)
- Chemical-resistant headgear for overhead exposure,
- Chemical-resistant apron required for mixing/loading and cleaning equipment.
- Wear a minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and combination N1, R, or P filters; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air purifying respirator with OV cartridges and combination HE filters.

### **User Safety Requirements**


Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions or washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### **User Safety Recommendations**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

 This product can expose you to chemicals, including Dichlorvos (DDVP, CAS No. 62-73-7), which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### **ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposing of equipment washwaters or rinseate.

### **PHYSICAL OR CHEMICAL HAZARDS**

Combustible. Do not use, pour, spill 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.

**READ THIS LABEL:** Read this entire label and follow all use directions, use restrictions and precautions.

### **RESTRICTIONS**

- Do not apply this product in a way that will contact workers or any other persons, either directly or through drift.
- Do not enter or allow people or pets to enter until sprays have dried.
- Only protected workers wearing specified PPE may be in the area during application. When applying as a fog or mist indoors, equipment must be operated remotely. Handlers may not be present in an indoor area being fogged or misted during application.
- Do not apply this product through any type of irrigation system.
- Use in hand held fogger or hand held smoke generator equipment is prohibited.
- Use in residential sites as a crack and crevice or space spray is prohibited.
- Use on Lawns, Turf or Ornamentals is prohibited.

#### **NOTIFICATION:**

Before the start of the application, post fumigant warning signs at all entrances to the building. The signs must bear the skull and crossbones symbol and state:

1. DANGER / PELIGRO
2. Building under fumigation. DO NOT ENTER / NO ENTRE
3. The date and time of fumigation
4. “DDVP (or use product name) Fumigant in Use
5. Name, Address, and Telephone number of the Applicator.

The signs must be located prominently at each entrance, using a sign size and letter size that makes the sign clearly legible. All signs must be removed after the ventilation is complete and before routine entry by unprotected persons is permitted.

Entry by any person – other than a correctly trained and equipped handler who is performing a task related to ventilation or air concentrate monitoring and who is wearing the personal protective equipment required for handlers – is **PROHIBITED** in the entire enclosed structure/building from the start of application until application is complete. Ventilation is complete either when 24 hours have elapsed following application and the building has been opened and aired or when a direct-indication, short-term concentration monitoring device (e.g. Draeger Tube) indicates that the DDVP air concentration is equal to or less than 0.050 ppm (50% of the OSHA PEL).

VAP-5 is a specially formulated insecticide designed for use in the control of exposed stages of stored products insects infesting warehouse, 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 unprocessed 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 or 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 reuse.

**RESTRICTION: 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 vegetables), Dairy Product Plants (including milk processing plants), excluding non-food/feed manufacturing 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 meal moths, 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 cubic feet or ½ - 1 ounce of liquid per 1000 cubic feet.

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.

Keep a minimum 7 day interval between applications except on cocoa beans and raw (unshelled) peanuts where daily application do not exceed 0.5 grams a.i. per 1000 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, locker 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 per 64000 cubic feet to kill roaches, silverfish, fleas, waterbugs, earwigs, ants, spiders, in shelter situation. Adjust a ULV spraying device to a coarse spray for 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 10000 cubic feet or 1000 square feet of foot 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.

#### **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 point down aisle, not directly toward and 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 pre-calculated path at predetermined spec.
5. When treatment time has been completed, stop insecticide flow by closing valve. Wait until spray stops, stop machine and remove from area.

#### **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. Storage area should be equipped to handle

**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:**

**Non-Refillable Container:** Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drop. Fill the container  $\frac{1}{4}$  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.

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#### **DISCLAIMER**

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**DISCLAIMER:** To the extent permitted by applicable law, Seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling or improper storage of this material. To the extent permitted by applicable law, Seller does not assume any



responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or improper storage of this material.

**OR**

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**LIMITED WARRANTY**

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To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent permitted by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

**OR**

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

To the extent permitted by applicable law Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

For non-emergency (e.g., current product information),  
Call: **1-800-621-8829**

**Alternate Brand Name(s):**

SureKill® Advanced Insecticide Products VAP-5

SureKill® VAP-5

Prozap® VAP-5

**Optional Marketing Statements:**

[Label Code (RE.EN.) RE.EN.]

SureKill® is a Registered Trademark of Neogen Corporation.

Prozap® is a Registered Trademark of Neogen Corporation.

Chem-Tech, Ltd. is a Wholly Owned Subsidiary of Neogen Corporation.

Made in the U.S.A.

Manufactured in the U.S.A.

<American Flag Graphic>



<Company Logos>



OR

