



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 3, 2021

Ms. Susan Westra
Domestic Registration Manager
Chem-Tech, Ltd.
110 Hopkins Drive
Randolph, WI 53956

Subject: Label Amendment – Addition of RED Mitigation Required by Dichlorvos RED
Product Name: VAP-20 Aerosol Insecticide
EPA Registration Number: 47000-71
Application Date: October 13, 2017
Decision Number: 560381

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. 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.

Page 2 of 2
EPA Reg. No. 47000-71
Decision No. 560381

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 Mr. Carmen J. Rodia, Jr. by phone at (703) 306-0327, or via email at rodia.carmen@epa.gov.

Sincerely,



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

Enclosure: Stamped "Accepted" Master Label, May 3, 2021

RESTRICTED USE PESTICIDE

Due to 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-20
Aerosol Insecticide**

ACTIVE INGREDIENT:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate)..... 20.0%

OTHER INGREDIENTS*:..... 80.0%

TOTAL..... 100.0%

* Contains Petroleum Distillates

EPA Reg. No. 47000-71

EPA Est. No. 47000-IA-01

EPA Est. No. 61282-WI-01

EPA Est. No. 66171-CA-001

EPA Est. No. 66171-TN-001

[(First letter of batch number indicates establishment)]

KEEP OUT OF REACH OF CHILDREN

DANGER

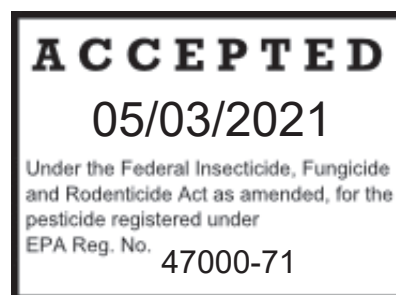
See [inside, side, front, back] [panels, booklet, leaflet] for [First Aid and] additional Precautionary Statements

Net Contents:

20 pounds (9.07 kg)

Net Weight:

20 pounds (9.07 kg)



Manufactured by:

Chem-Tech, Ltd.

1006 Business Hwy 5

Pleasantville, IA 50225 U.S.A.

{**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.}

{**Note to Reviewer:** First Aid statement may be formatted without bullets or as paragraph(s)}

FIRST AID Organophosphate	
If in Eyes:	<ul style="list-style-type: none"> • 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 further treatment advice.
If on Skin or on Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for further treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital. • Do not give any liquid to the patient. • Do not administer anything by mouth to an unconscious person. • Do not induce vomiting unless told to do so by the poison control center or doctor.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillate. May pose an aspiration pneumonia hazard.</p> <p>POISONING SYMPTOMS: 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>TREATMENT: 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 may 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. Causes skin irritation.</p>	
<p>Have product container or label with you when calling a poison control center, doctor, or going for treatment.</p> <p>For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas)</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. May be fatal if absorbed through the skin. Harmful if swallowed. Do not get on skin, in eyes, or on clothing. May cause skin sensitization reactions in certain individuals. Wash hands thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE):

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

- Long-sleeved shirt and long pants;
- Shoes and socks;
- Chemical-resistant gloves such as barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, or Viton \geq 14 mils;
- Goggles or face-shield;
- Chemical-resistant headgear for overhead exposure;
- A minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and a combination N₁, R, or P filter; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air-purifying respirator with OV cartridges and combination HE filters;
- Chemical-resistant apron when mixing, loading, or cleaning equipment.


User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for 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 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and aquatic invertebrates. Drift and run-off may be hazardous to aquatic organisms in water adjacent to treated areas. Do not apply 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 wash waters or rinsate.

This pesticide is highly toxic to bees and other pollinating insects exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees or other pollinating insects are actively visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

DIRECTIONS FOR USE

Restricted Use Pesticide

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.

USE RESTRICTIONS:

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Do not enter or allow others to enter until sprays have dried.
- Use in hand-held foggers or hand-held smoke generator equipment is prohibited.
- When applying as a fog or mist indoors, equipment must be operated remotely.
- Use in residential sites as a crack-and-crevice or space spray is prohibited.
- Use on lawn, turf, or ornamentals is prohibited.
- Do not apply this product through any type of irrigation system.
- Do not make applications when temperatures are below 60°F (15.6°C).

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 processing areas.

POSTING AND RE-ENTRY RESTRICTIONS

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 brand name] Fumigant in Use, and
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 concentration monitoring and who is wearing the personal protective equipment required for handlers – is **PROHIBITED** in the entire enclosed structure/building from the start of the application until ventilation 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). For California – 0.010 ppm or less.

USE AND APPLICATION DIRECTIONS:

VAP-20 Aerosol Insecticide [This product] is a specially formulated insecticide designed for use in the control of exposed stages of stored product 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 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, and fresh fruits and vegetables.

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 is exposed, remove or cover before treatment begins. All food/feed processing surfaces should be covered during treatment or thoroughly cleaned before reuse.

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:

[This product] should be applied with a timer or device at the rate of 2.5 to 10 grams per 1,000 cubic feet (this gives 0.5 to 2 grams of actual DDVP per 1000 cu. ft.). This cylinder contains 9,080 grams of 20% DDVP. This will yield 72 treatments of 50,000 cubic feet at 2.5 grams per 1,000 cu. ft. [This product] continues to kill insects for 2 to 4 hours after application. [This product] does not penetrate containers, and infested products should be treated by other methods approved for this purpose.

Treatment should be made during hours when buildings are unoccupied. Buildings should be closed, and ventilation kept at a minimum during application of the insecticide. Lock all entrances and do not allow unprotected workers to enter the building when being treated.

Keep a minimum 7-day interval between applications [of this product], except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams a.i. per 1,000 cu. ft. of head space.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: This cylinder must be checked periodically. A defective cylinder should not be used. A cylinder that has parts missing, is plainly worn, or distorted should be replaced immediately. Store cylinder upright in a cool, dry area.

PESTICIDE DISPOSAL: Pesticides that cannot be used according to label instructions must be returned to the point of purchase in the original container.

CONTAINER HANDLING: This cylinder must not be disposed of in any manner. Cylinders must be returned to point of purchase for credit. All cylinders, valves, and caps remain the property of the manufacturer. Federal regulations prohibit the refilling of cylinders without the written consent of the manufacturer.

DISCLAIMER

[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

LIMITED WARRANTY

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

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitations 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

Code (NU.ER.) NU. ER.]

[Chem-Tech, Ltd. is a wholly-owned subsidiary of Neogen Corporation.]

[TurboCide is a Registered Trademark of Chem-Tech, Ltd.]

[AeroTech is a Registered Trademark of Industrial Fumigant Company.]

Alternate Brand Name(s):

TurboCide® Advanced Fogging Products VAP-20

Optional Marketing Statements/Graphics:

This Aerosol System Employs Liquid Carbon Dioxide as a Solvent and Propellant

To be used with AeroTech® Spray Systems

No Cylinders to Dispose of

[These] Cylinders are returned to the manufacturer for refilling

[Contains] DDVP

[Contains] Vapona

Made in the U.S.A.

Manufactured in the U.S.A.

<American Flag Graphic>

<Graphics of [Listed Insects]>

<Graphics of [Listed Use Sites]>

{**Note to Reviewer:** References in optional marketing claims to [Listed insects] or [Listed use sites] may be replaced with graphics or silhouettes of specific insects/sites from this label, provided the claims are not misleading with regard to approved uses.}

<Chem-Tech logo>

<Neogen/Neogen Corporation logo>

<Neogen flask logo>

Example Company Logos:



OR

