



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: VAPONA INSECTICIDE 2EC
EPA Registration Number: 47000-135
Application Dates: November 7, 2017 & September 27, 2018
Decision Numbers: 560384 & 563379

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. 47000-135
Decision Nos. 560384 & 563379

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 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.

VAPONA INSECTICIDE 2EC

ACTIVE INGREDIENT:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate)* 23.7%

OTHER INGREDIENTS:**.....76.3%

TOTAL.....100.0%

*Contains 2 lbs. Vapona Insecticide per gallon

**Contains petroleum distillate

EPA Reg. No. 47000-135

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/PELIGRO

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

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

Net Contents: 1 gallon to 55 gallon

ACCEPTED

05/03/2021

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No. 47000-135

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 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 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 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.
NOTE TO PHYSICIAN	
<p>Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillate. May pose an aspiration pneumonia hazard.</p> <p>NOTE TO PHYSICIAN - POISONING SYMPTOMS: This product is a cholinesterase inhibitor. Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.</p> <p>TREATMENT:</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 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.</p>	
<p>Have product container or label with you when calling a poison control center, doctor, or going in 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 swallowed. Harmful if absorbed through the skin or if inhaled. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Wash hands thoroughly with soap and water after handling, and before eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment (PPE):

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

- Protective eyewear (goggles or face shield);
- Coveralls worn over long-sleeved shirt and long pants;
- Chemical-resistant footwear 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;
- Chemical-resistant apron when mixing, loading, or cleaning equipment;
- Chemical-resistant headgear for overhead exposure; and
- 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.


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.

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. 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 when disposing of equipment wash waters or rinsate.

This product 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 visiting the treatment area.

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.

USE RESTRICTIONS

- Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and until sprays have dried.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Do not contaminate water, feed or foodstuffs, milk or milking utensils. Repeat as necessary, but not more than once per day.
- Brahman and Brahman cross cattle should not be treated as they may show hypersensitivity to organophosphates.
- Do not treat animals within one day of slaughter.
- Do not apply dermally in combination with trichlorfon.

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 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).

APPLICATIONS

[This product] is a specially prepared animal insecticide for use in the control of [*face flies, house flies, horn flies, stable flies, mosquitoes, and gnats*].

MIXING DIRECTIONS

For a 1.0% Solution: Mix $5\frac{1}{3}$ fluid ounces ($10\frac{2}{3}$ tbsp.) of [this product] concentrate with 1 gallon of water (1 qt. to $6\frac{1}{4}$ gals.).

For a 0.5% solution: Mix $2\frac{2}{3}$ fluid ounces ($5\frac{1}{3}$ tbsp.) concentrate with 1 gallon of water (1 qt. to $12\frac{1}{2}$ gals.).

BEEF AND DAIRY CATTLE:

[To control] [*house flies, horn flies, stable flies, face flies, and mosquitoes*]:

Apply 1 to 2 fluid ounces of 1.0% solution per animal as a mist spray daily with a hand or automatic sprayer. Spray to thoroughly cover all parts of the animal, including the legs but do not wet the skin. Do not apply in excess of 2 fluid ounces per animal per day.

[To control] face flies: For maximum face fly control, add 1 to 2 cups of sugar to each gallon of 1.0% solution.

CATTLE FEED LOTS, STOCKYARDS, HOLDING PENS, AND CORRALS:

[To control] [*flies, gnats, and mosquitoes*]:

Apply [this product] at the rate of $4\frac{2}{3}$ gallons of the 0.5% solution per acre, with a mister or blower or other suitable equipment, as an over-all application. The mist spray should be directed over the entire area. Particular attention should be given to areas where flies congregate, such as fences, spillage areas, around feed bunks, and walls of buildings. Avoid direct application to exposed feed and water.

For baited solutions dissolve one pound of sugar per 5 to 10 gallons of water before adding [this product] concentrate.

ANIMAL BUILDINGS:

[To control] [*flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs, and brown dog ticks*]:

As a Surface Spray:

Apply 1 quart of a 0.5 % solution, or 1 pint of a 1.0% solution, as a coarse wet spray per 1,000 square feet.

Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows, and other openings.

[In] [Dairy Barns, Stables, Livestock Buildings, Loafing Sheds, Pig Pens, Milk Sheds, Shelter Sheds, Horse Barns, and Outdoor areas]: Spray around doorways, feed storage rooms, alleyways, and window sills. Do not contaminate milk or milking utensils.

As a Surface Spray:

Apply 1 quart of a 0.5% solution, or 1 pint of 1.0% solution, as a coarse wet spray per 1,000 square feet. Spray around doorways, feed storage rooms, alleyways, and window sills. Do not contaminate milk or milking utensils.

[In] Poultry Houses: Apply [this product] to manure, window sills, outside of penned enclosures, and on the floors of feed storage rooms.

[For] Manure Piles and Garbage Dumps: For the control of fly maggots in maggot breeding areas, **apply** [this product] at the rate of 1 to 2 quarts of a 0.5% solution per 100 square feet. Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows, and other openings.

FOGGING/MISTING ANIMAL BUILDINGS:

[To control] [*flies, gnats, and mosquitoes*]:

Apply [this product] as a fog or mist inside buildings at the rate of 1 quart of a 0.5% solution, or 1 pint of a 1.0% solution, per 8,000 cubic feet. Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows, and other openings. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Do not use this solution for fogging purposes in areas where animals have received a direct application of Dichlorvos [DDVP/Vapona] or other organophosphates within 8 hours.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. 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:

Non-refillable container. Do not reuse this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water (or appropriate oil) and recap. Shake for 10 seconds. Pour rinsate into application equipment or a 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, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures allowed by state and local authorities.

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**

Optional Marketing Statements/Graphics:

[Contains] Vapona [(DDVP)]

[To Control/Controls] [listed insects]

[For use on] [listed animals]

{**Note to Reviewer:** References in optional marketing claims to [listed animals/insects] may be replaced with specific animals/insects from this label, provided the claims are not misleading with regard to approved uses.}

A Dairy and Livestock Emulsible Spray for [control] of [listed insects]

[For use in] [Livestock Buildings, Horse Stables, Dairy Barns, Auction and Show Barns, Cattle Feed Lots, Stockyards, Holding Pens, Corrals] [and for on-animal use on Beef and Dairy Cattle]

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

[Made][Manufactured] in the U.S.A.

<American Flag graphic>

<Graphics of listed insects>

<Graphics of listed animals>

<Chem Tech logo>

<Neogen logo>

<Neogen Corporation logo>

<Neogen flask logo>

Example Company Logos:

