

11556-174

09/28/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 28 2012

Mr Todd Frank  
Bayer Healthcare LLC  
Animal Health Division  
P O Box 390  
Shawnee Mission KS 66201

Subject Amended Reregistration Label  
Product Name Vapona Concentrate Insecticide  
EPA Registration Number 11556-174  
EPA Decision Number 393484

Dear Mr Frank

The Agency in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended has completed reviewing all the information submitted with your application to support the reregistration of the referenced product in connection with the Dichlorvos RED and has concluded that your submission is acceptable

**NOTE** This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time

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 non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.


- Basic CSF dated 3/14/2012

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e).

If you have any questions about this letter, please contact Dana Pilitt, Ph.D. at (703) 305-7071 or via e-mail at [pilitt.dana@epa.gov](mailto:pilitt.dana@epa.gov)

Sincerely,



 Mark Suarez  
Product Manager (13)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures    Label stamped Accepted dated September 28 2012  
Acute Toxicity Review dated August 22 2011  
Product Chemistry Review dated April 24 2012*

**RESTRICTED USE PESTICIDE**

Due to acute oral, acute dermal, primary eye and primary dermal toxicity

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® Concentrate Insecticide

Controls Flies Gnats, and Mosquitoes on Cattle and around Livestock and Poultry Premises

**DO NOT SHIP OR USE THIS PRODUCT UNLESS DIRECTIONS FOR USE ARE ATTACHED**

<b>Active Ingredient</b> Dichlorvos (CAS #62-73-7)	<b>By Weight</b> 40.2%
<b>Other Ingredients</b>	<u>59.8% *</u>
<b>Total</b>	100.0%

\* Contains petroleum hydrocarbons

**For Agricultural/Commercial Use Only  
Not For Use In Or Around Residential Sites**

<b>DILUTE PRIOR TO USE</b>
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**Keep Out of Reach of Children**



**DANGER! POISON  
PELIGRO**

TAKE TIME  
OBSERVE LABEL DIRECTIONS

See inside panels for additional precautionary statements

**Net Contents XXXXX**

<b>ACCEPTED</b>
<b>SEP 28 2012</b>
Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 11556-174

Manufactured for  
Bayer HealthCare, LLC  
Animal Health Division  
PO Box 390  
Shawnee Mission, KS 66201 USA

EPA Reg No 11556-174

EPA Est No XXXXX

### FIRST AID

#### If on Skin or Clothing

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

#### 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 Swallowed

- Call a poison control center or doctor immediately for treatment advice
- Do not give any liquid to this person
- Do not induce vomiting unless told to do so by a poison control center or doctor
- Do not give anything by mouth to an unconscious person

#### If Inhaled

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

### HOTLINE NUMBER

Contains an organophosphate that inhibits cholinesterase

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-422-9874 for emergency medical treatment information.

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**NOTE TO PHYSICIAN**

Probable mucosal damage may contraindicate the use of gastric lavage  
Contains petroleum hydrocarbons – vomiting may cause aspiration  
pneumonia

**Poisoning Symptoms** Symptoms include weakness, headache 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 Sulfate should be injected at 10-minute intervals in  
doses of 1 to 2 milligrams until complete atropinization has occurred  
Pralidoxine chloride (2-PAM) may also be used as an effective antidote in  
addition to and while maintaining full atropinization In adults, an initial dose  
of 1 gram of 2-PAM should be injected preferably as an infusion in 250cc of  
saline over a 15 to 30 minute period If this is not practical 2-PAM may be  
administered slowly by intravenous injection as a 5 percent solution in water  
over not less than two minutes After about an hour a second dose of 1 gram  
of 2-PAM will be indicated if muscle weakness has not been relieved For  
infants and children the dose of 2-PAM is 0.25 grams Morphine is an  
improper treatment Clear chest by postural drainage Oxygen administration  
may be necessary 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

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER - POISON** Fatal if absorbed through skin Do not get  
in eyes, on skin, or on clothing Corrosive Causes skin burns  
and irreversible eye damage May be fatal if swallowed Harmful  
if inhaled Avoid breathing vapor, or spray mist Prolonged or  
frequently repeated skin contact may cause allergic reactions in  
some individuals

**POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH THE  
SKIN AND EYES RAPIDLY ABSORBED THROUGH SKIN REPEATED  
INHALATION OR SKIN CONTACT MAY WITHOUT SYMPTOMS,  
PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (DDVP)  
POISONING** Do not swallow or get in eyes, on skin or on clothing Do not  
breathe vapor Do not contaminate food or feed products Wash  
thoroughly with soap and water after handling and before eating, drinking,  
chewing gum, using tobacco or using the toilet

**CALIFORNIA ONLY** When used in enclosed structures, do not enter or allow worker entry during the Restricted Entry Interval (REI) of 24 hours

**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

**USER SAFETY RECOMMENDATIONS**

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

User 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.

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

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### **ENVIRONMENTAL HAZARDS**

This pesticide is highly toxic to fish, birds and aquatic invertebrates. Do not apply directly to water or 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.

### **PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame. Do not use with thermal foggers or heat-generating devices.

### **DIRECTIONS FOR USE**

#### **RESTRICTED USE PESTICIDE**

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

This product must be mixed with water or diesel oil depending on use prior to using. It is suitable for use in conventional power or low pressure knapsack sprayers, mist blowers or non-thermal foggers. Select the specific site, method of use and insect problem, then dilute as directed. Follow the remarks for the safe use and best results in using this product. Do not store diluted product. Prior to use, read the Precautionary Statements elsewhere on this product label.

**NOTIFICATION** Before the start of 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) Dichlorvos Fumigant in use and 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 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 monitoring device (e.g. Draeger tube) indicates that the Dichlorvos air concentration is equal to, or less than 0.050 ppm (50% of the OSHA PEL).

#### **NOT FOR USE IN OR AROUND RESIDENTIAL SITES**

This product can be used on lactating dairy cattle and requires only 1-day withdrawal period when used on beef cattle.

Reason to Issue Update Label with Bayer EPA Reg No and information per EPA Letter 7/31/2012

Date 08/13/2012  
 Supersedes 09/03/2010  
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**Livestock Use Directions – Dilute In Water Only**

**For direct application to beef and dairy cattle (including lactating) Do not make direct application to livestock more frequently than once per day**

**MUST BE DILUTED PRIOR TO APPLICATION**

Use	Insects Controlled	Dilution Vapona In Water	Remarks
Dairy Cattle (including lactating) Beef Cattle	Horn Flies, Face Flies Stable Flies House Flies Mosquitoes	1 gal in 50 gal or 5 oz in 2 gal (1% Dilution)	Apply 1 to 2 fl oz of diluted solution (do not exceed 2 oz ) per animal daily as a fine mist spray Be sure to cover all parts of animal for best results Do not apply in combination with other dermal organophosphate pesticides (e g trichlorfon) Brahman and Brahman cross cattle should not be treated as they may show hypersensitivity to organophosphates Do not wet the hide Do not apply to calves under 6 months of age One day withdrawal is required on beef cattle



**Indoor Premise/Area Use Directions – Dilute in Water Only**  
**For indoor application to livestock facilities**

Use	Insects Controlled	Dilution Vapona In Water	Remarks
Dairy Barns Poultry Houses Swine Barns Other Animal Buildings	Flies, Gnats Mosquitoes Roaches Sowbugs, Ants	1 gal in 100 gal or 2 oz in 1.5 gal (0.5% Dilution)	Apply as a space spray mist to open air space at the rate of 1 quart (32 oz) of diluted solution per 8,000 cubic feet or as a coarse wet spray to indoor surfaces at the rate of 1 quart of diluted solution per 1,000 sq ft. Before applying reduce air movement as much as possible by closing doors, windows, and other openings. Do not use this solution in areas where animals have received a direct organophosphate pesticide application within eight hours. If animals are present, ventilate treated area immediately following spray application. Do not contaminate water, feed, or foodstuffs, milk, or milking utensils.
		1 gal in 50 gal or 5 oz in 2 gal (1.0% Dilution)	Apply as above at the rate of 1 pint (16 oz) per 8,000 cubic feet or 1 pint (16 oz) per 1,000 sq ft when a reduced quantity of water is desired and equipment can adequately provide coverage of area to be treated.
Manure Piles	Fly Maggots	1 gal in 100 gal or 2 oz in 1.5 gal (0.5% Dilution)	Apply as above at the rate of 1 to 2 qts of solution per 100 sq ft of manure once a week.

**Outdoor Area Use Directions – Dilute in Water (Misting) or Diesel Oil (Fogger)**  
**For outdoor area treatment of livestock holding facilities**

Use	Insects Controlled	Dilution Vapona In Diluent	Remarks
Cattle Feedlots Stockyards Holding Pens Corrals	Flies, Gnats Mosquitoes	1 gal in 100 gal or 1 qt in 25 gal (0.5% Dilution)	Apply at an overall application rate of approximately 5 gallons of diluted solution per acre. Fog or mist during the time insects are most active usually late afternoon and when there is little wind. Particular attention should be given to areas where flies congregate such as around feed bunks, fences and walls of buildings. Avoid direct application to exposed feed and water. Animals may be present during treatment.

**USE RESTRICTIONS**

Do not enter or allow others to enter until sprays have dried

Do not apply this product in a way that will contact workers on other persons, either directly or through drift. Only handlers wearing specified PPE may be in the area during application.

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

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### **STORAGE AND DISPOSAL**

Not for use or storage in or around the home

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

**Pesticide Storage** Store in original container only Store in a safe place where children or animals cannot reach the product or its diluted emulsion Protect from freezing

**Container Disposal** 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 a mix tank and drain for 10 seconds after the flow begins to drip Fill the container ¼ full with water 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

**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

### **CONDITIONS OF SALE**

The directions on this label were determined through research to be appropriate for the correct use of this product This product has been tested under different environmental conditions both indoors and outdoors similar to those that are ordinary and customary where the product is to be used Insufficient control of pests or plant injury may result from the occurrence of extraordinary or unusual conditions, or from failure to follow label directions In addition, failure to follow label directions may cause injury to animals, man, and damage to the environment To the extent permitted by applicable law, Bayer offers, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual environmental conditions, or failure to follow label directions are beyond the control of Bayer and are, therefore, the responsibility of the buyer