

47000-17

8/31/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 31, 2012

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

Subject: Amended Reregistration Label

Product Name: Economy's Vapona Insecticide Emulsible Concentrate

EPA Registration Number: 47000-17

EPA Decision Number: 393445

Dear Mr. Rogosheske:

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.

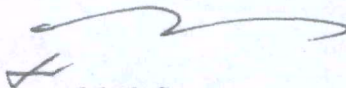
Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 4/27/2010

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 .

Sincerely,



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

*Enclosures: Label stamped "Accepted", dated August 31, 2012
Acute Toxicity Review, dated ~~July 21~~ ^{Oct 30}, 2009
Product Chemistry Review, dated September 21, 2011*

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ECONOMY'S VAPONA INSECTICIDE EMULSIBLE CONCENTRATE

Restricted Use Pesticide
Due to eye and skin irritation and acute oral 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

For use in Livestock Buildings, Horse Stables, Dairy Barns, Auction and Show Barns, Picnic Grounds, Backyard Areas, Patios, Loading Docks, Outdoor Latrines, Packing Areas, Refuse Areas Around Service Stations, Open Air Drive-ins, Garbage Collection, Disposal Areas and Dog Kennels.

ACTIVE INGREDIENTS:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate).....	44.5%
*OTHER INGREDIENTS.....	55.5%
TOTAL	100.0%

ACCEPTED

AUG 3 1 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 47000-17

*Contains petroleum hydrocarbons

(Equivalent to 4.0 lbs Vapona Insecticide per gal.)

KEEP OUT OF REACH OF CHILDREN

DANGER POISON

FIRST AID

Contains an organophosphate that inhibits cholinesterase.

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 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 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN AND ANTIDOTE STATEMENTS

SYMPTOMS: Symptoms include weakness, headaches, tightness of chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.
Causes eye damage.
Probable mucosal damage may contraindicate the use of gastric lavage.

ANTIDOTE AND FIRST AID TREATMENT: Atropine is the emergency antidote for VAPONA insecticide poisoning. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

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 mgs., until complete Atropinization has occurred. 2-PAM is also antidotal and may be administered in conjunction with Atropine. Morphine is contraindicated. 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.

Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

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

DANGER

Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin or on clothing. May be fatal if swallowed. Harmful if absorbed through the skin. Harmful if inhaled. Avoid breathing vapor or spray mist.

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 washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear:

Coveralls over long-sleeved shirt and long pants,

Socks and chemical-resistant footwear,

Chemical-resistant gloves made of barrier laminate or viton,

Goggles or face shield,

Chemical-resistant headgear for overhead exposure,

A NIOSH-approved 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 an organic vapor (OV) removing cartridge or canister with any N, R, P or HE prefilter.

And

Chemical-resistant apron when mixing, loading or cleaning equipment.

User Safety Requirements

Follow manufacturer's instructions for cleaning and 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 products 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 gloes before removing. As soon as possible, wash thoroughly and change into clean clothing.

DIRECTIONS FOR USE

Restricted Use Pesticide

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

GENERAL PRECAUTIONS AND RESTRICTIONS

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

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 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 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).

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AGRICULTURAL PREMISES: Animal shelters, barns, dairy barns, feed lots, milk rooms, milk sheds, pig parlors, stables (Kills: Flies, Gnats, Mosquitoes, Moths, Roaches, Crickets, Fleas, Ants, Sowbugs, Brown Dog Ticks).

Dosage: Use a 0.5% solution by diluting 1 pint Vapona Insecticide with 12 ½ gallons of water.

Apply as a fog or mist inside building at the rate of 1 quart diluted solution per 8,000 cu. ft. Do not contaminate feed, drinking water, milk or milking equipment. Do not use this solution for fogging or misting purposes in areas where animals have received a direct application of dichlorvos or other organophosphates within 8 hours.

Apply as a spray to all exterior and interior surfaces at the rate of one quart diluted solution per 1,000 sq. ft. Do not contaminate water, feed, milk, or milking equipment. Apply with mist blower or other suitable equipment as an overall application at the rate of 5 gallons 0.5% diluted solution (0.2 lbs. actual Vapona) per acre. 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 application to exposed feed and water.

Treat outdoor living areas, picnic grounds, backyard areas, patios, loading docks, outdoor latrines, parking areas, refuse areas around service stations, open-air drive-ins, ice cream stands, garbage collection and disposal areas.

In treating dog kennels apply to outside dog runways, window sills and ledges. For control of fleas and brown dog ticks increase dosage to two quarts. 0.5% solution per 1000 sq. ft.

In poultry houses, apply to manure, window sills, outside of penned enclosures and on floor of feed storage rooms.

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. Repeat as necessary, but no more than once per day.

CATTLE, Beef and Dairy: Apply Vapona Insecticide as a 1.0% spray to control horn flies, stable flies, face flies, house flies and mosquitoes.

To prepare a 1.0% spray, dilute 1 quart of Vapona Insecticide (4.0 lbs. per gal.) with 12 ½ gallons of water. Apply 1 to 2 fluid ounces per animal, as a mist spray daily with hand or automatic sprayer. Spray to thoroughly cover all parts of the animal, including the legs but do not wet the skin. Do not make direct application to livestock more frequently 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.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store containers in a secure area. 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: 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 (or 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. Offer for recycling if available.

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. 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 consistent with applicable 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.

Except as warranted by this label, 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 or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability shall be limited to damages not exceeding the cost of the product.

EPA Reg. No. 47000-17

EPA Est. No. 47000-IA-01

NOTE: This product must be used by 6 months after purchase. Otherwise return to point of sale for full purchase costs.

NET CONTENTS: _____

Mfg. By:
Chem-Tech, Ltd.
4515 Fleur Drive
Des Moines, IA 50321

8/10/12 Draft per EPA letter 7/10/12