

47000-52

08/31/2012

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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: 47000-52
EPA Decision Number: 393449

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.

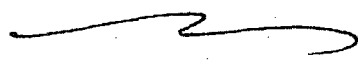
Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 10/19/2009

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, 2009
Product Chemistry Review, dated October 3, 2011*

Vapona Insecticide Contains 1% Vapona (DDVP)

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

- READY TO USE
- CONTAINS 1% VAPONA (DDVP)
- FOR LACTATING DAIRY CATTLE, BEEF CATTLE AND BARNS

ACTIVE INGREDIENTS:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate).....	1.0%
OTHER INGREDIENTS*.....	99.0%
TOTAL	100.0%

*Contains petroleum distillate

ACCEPTED
AUG 31 2012
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 47000-52

**KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO**

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

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. Pralidoxime chloride (2-PAM) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion in 250 cc 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 0.25gram. 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.

Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

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

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short 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 TX-23C), or - a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or an organic vapor removing cartridge or canister with any N, R, P, or HE prefilter.
- Chemical-resistant apron when mixing, loading or cleaning equipment.

User Safety Requirements

Follow manufacture'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 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 outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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.

DIRECTIONS FOR USE
Restricted Use Pesticide

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

Use 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.

Use on lawns, turf or ornamentals is prohibited.

Use in residential sites as a crack and crevice or space spray is prohibited.

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

Do not contaminate feed, water, milk or milk handling equipment.

General:

1% vapona Insecticide is a very effective fog or surface spray and will provide fast knockdown and kill of flies, mosquitoes and other small flying insects. It is a multi-purpose formulation designed for use as an

animal spray to protect dairy cows and beef cattle from face flies, stable flies, house flies, horn flies, gnats and mosquitoes.

Apply 1% Vapona Insecticide as a mist spray with hand or automatic sprayer for control of face flies, stable flies, house flies, horn flies, gnats and mosquitoes.

USE AS A BARN FOG -1% Vapona Insecticide can be used in barn fogging equipment without dilution. One pint will fog 8,000 cubic feet of enclosure. Before applying reduce air movement as much as possible by closing doors, windows and other openings. Do not use this solution for fogging purposes in areas where animals have received direct application within 8 hours. Do not allow unprotected workers to enter barns during treatment. Do not allow reentry to treated areas for at least 2 hours. Open doors and windows and ventilate thoroughly for at least 1 hour before allowing reentry. Apply as necessary, but no more than once per day.

ANIMAL BUILDINGS (Dairy Barns, Horse Barns and shelter sheds), MILK SHEDS, OUTDOOR AREAS - Dilute 1% VAPONA Insecticide with equal amounts of deodorized kerosene or fuel oil. Apply as a coarse wet spray at the rate of one pint per 1,000 square feet to walls, ceilings, stalls, feed storage rooms, alleyways, pig pens, milk sheds, loafing areas. In poultry houses apply to manure, window sills, and outside of penned enclosures. For fly and maggot control in breeding areas such as dumps and manure piles apply at the rate of 1 to 2 quarts of the diluted mixture per 100 sq. feet. Apply this diluted mixture as a coarse wet spray at the rate of one quart. Per 1,000 sq. feet to treat loading docks, parking areas, refuse areas around service stations, open air drive-ins, garbage collection and disposal areas. Apply as necessary, but no more than once per day.

USE AS AN ANIMAL SPRAY - On dairy cows and beef cattle, apply 2 fluid ounces of 1% VAPONA Insecticide to each animal each day. This mist spray should be applied with a good hand or automatic sprayer. Spray to wet hair. Apply thoroughly as a mist to animals but do not wet skin. Special care should be used to assure coverage of the legs, belly, shoulders and head. Do not make direct application to livestock more frequently than once per day. Caution: Do not apply regularly to calves under 6 months of age. Brahman and Brahman cross cattle should not be treated, as they may show hypersensitivity to organophosphates. Keep unprotected persons out of operating area. In complete fly control program this spray should be used in conjunction with a VAPONA Insecticide building, fog or surface spray and sanitary measures. Do not use this solution for fogging purposes in areas where animals have received direct application of dichlorvos or other organophosphate chemical within 8 hours.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry, secure area in original container.

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: If empty: Do not reuse this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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 allowed by 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. All such risks shall be assumed by the buyer.

Except as expressly provided herein, 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, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent allowed by law, buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

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EPA Reg. No. 47000-52

EPA Est. No. 47000-IA-01

NET CONTENTS: _____

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

6/14/12 Draft per EPA letter 7/11/12