

47000-135

08/17/2012

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 17, 2012

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

Subject: Amended Reregistration Label  
Product Name: Selco Vapona Insecticide 2 EC  
EPA Registration Number: 47000-135  
EPA Decision Number: 393441

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 Any previously dated CSFs are superseded.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 9/22/2011

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,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures: Label stamped "Accepted", dated August 17, 2012  
Acute Toxicity Review, dated October 26, 2009  
Product Chemistry Review, dated September 27, 2011*

# SELCO VAPONA INSECTICIDE 2EC

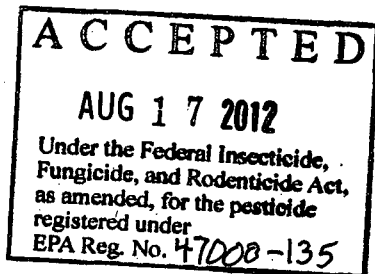
Restricted Use Pesticide  
Due to acute oral toxicity and eye irritation

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

For use outdoors including patios, porches, screens, window frames, eaves, garages, Picnic Grounds, Loading Docks, Outdoor Latrines, Packing Areas, Refuse Areas Around Service Stations, Garbage Collection, Disposal Areas and Dog Kennels and to control stored product pests in peanut warehouses. For use indoors in Non-food/Feed Areas of Warehouses, Food/Feed Handling Establishments, Restaurants, and other areas where food is commercially prepared or processed

**ACTIVE INGREDIENTS:**

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate).....	23.7%
*OTHER INGREDIENTS.....	76.3%
TOTAL	100.0%



\*Contains petroleum hydrocarbons  
Contains 2 lbs. Vapona Insecticide per gallon.

**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 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 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 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. May be fatal if swallowed. Harmful if absorbed through the skin. Harmful if inhaled. Do not get in on skin, in eyes, or on clothing. Do not breathe 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 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 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 gloves 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.

All indoor fogging or space spray treatment should be made during hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unprotected workers to enter building during treatment.

**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

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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).

When used only as a surface spray, do not enter or allow people or pets to enter treated area until sprays have dried.

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

Use on Lawns, turf or ornamentals is prohibited.

For indoor crack and crevice use in non-food/feed areas of commercial/institutional, industrial plants, and warehouses.

For outdoor use including patios, kennels (including outside runways), window sills and ledges, outside surfaces of buildings, including porches, screens, window frames, eaves, garages: refuse dumps, refuse and solid waste containers, and to control stored product pests in peanut warehouses.

For indoor use (other than peanut warehouses) only crack and crevice treatments are permitted. Space sprays are prohibited.

Do not use in hospitals or clinical rooms, such as patient rooms, wards, nurseries, operating or emergency areas. Do not use in any rooms where infants or the sick or aged are, or will be present for any extended period of confinement. Do not use in food/feed areas of food/feed handling establishments, restaurants, or areas where food/feed is prepared or processed. Do not use to treat non-perishable bagged and/or bulk stored raw or processed agricultural commodities except as permitted in the directions for use.

**INDOOR PEST CONTROL**

Apply as a 0.5% spray with low pressure sprayer into all cracks and crevices to control flies, mosquitoes, gnats, flying moths, and other small flying insects, cockroaches, crickets, ants, spiders, silverfish and sowbugs.

To prepare a 0.5% spray, dilute 1 pint Vapona 2EC with 6 gallons of water. Do not contaminate food/feed, water, food/feed containers or cooking utensils. Repeat as necessary, but no more than one time per week.

**OUTDOOR LIVING AREAS**, picnic grounds, patios, loading docks, outdoor latrines, parking areas, refuse areas around service stations, garbage collection and disposal areas. Apply as a 0.5% spray to control flies, mosquitoes, gnats, and other small flying insects. To prepare a 0.5% spray, dilute 1 pint Vapona 2EC with 6 gallons of water. Apply as a coarse wet spray at the rate of 1 quart per 1000 square feet. Do not contaminate food/feed, water, food/feed containers or cooking utensils. Repeat as necessary, but no more than one time per week.

Apply as a 1% to 3% fog or mist solution to control flies, mosquitoes, gnats, wasps, and other small flying insects in outdoor areas. To prepare a 1% fogging or misting solution, dilute 1 quart with 6 gallons of water or 7 gallons of an appropriate oil carrier. Repeat as necessary, but no more than one time per week.

**Manure piles, Garbage Dumps;** For the control of fly maggots in maggot breeding areas, apply at the rate of 1 – 2 quarts of 0.5% spray per 100 sq. ft. (1 quart of 1%). Repeat as necessary, but no more than one time per week.

**Dog Kennels:** Apply to outside dog runways, window sills and ledges at a rate of 1 quart of a 0.5% spray per 1000 sq. ft. For control of fleas and brown dog ticks, increase dosage to 2 quarts of a 0.5% spray per 1000 sq. ft. Do not contaminate feed or water or feed/water containers. Repeat as necessary, but no more than one time per week.

**Outdoor Areas:** For the control of flies, gnats, mosquitoes, ants, fleas, brown dog ticks, apply with fogging equipment or mist blower at the rate of 5 – 10 pints of a 1% fogging solution per acre. Do not treat areas where food or feed crops are growing. Repeat as necessary, but no more than one time per week.

**Peanut Warehouses:** For the control of almond moth and Indian meal moth. All treatments should be made when the buildings are unoccupied. See General Precautions and Restrictions section on posting and ventilating. For best results apply between 5 p.m. and midnight as the insects are more active at that time. Using a ULV type machine use at the rate of 2.5 grams Vapona 2EC per 1000 cubic feet (.5 gram of DDVP per 1000 cubic feet). Keep a minimum of a 7 day interval between applications, except on raw (unshelled) peanuts, where daily applications do not exceed 0.5 grams A.I. per 1000 cubic feet of head space. Do not make application when temperatures are below 60° F.

**Non Food/Feed Areas of Food/Feed Handling Establishments:** Non-food/feed areas where this product can be used as a contact spray include areas such as garbage rooms, lavatories, floor drains (to sewers, entries and vestibules), offices, locked rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning and bottling). Apply as a 0.5% spray to kill flies, mosquitoes, gnats, flying moths, wasps and other small flying insects, cockroaches, silverfish, fleas, waterbugs, earwigs, ants, spiders, and crickets.

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Do not use in the edible product areas of food/feed processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. Repeat as necessary, but no more than one time per week

### 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. Offer for recycling if available. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with appropriate spray oil and recap. Shake for 10 seconds. Pour rinsate into application equipment or 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.

### 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. 47000-135**

**EPA Est. No. 47000-IA-01**

**NET CONTENTS: 2.5 U.S. Gallons (9.462 L)**

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

8/6/12 per EPA letter 7/10/12