

APR 14 2004

Patrick Rolfes  
**Chem-Tech, Ltd.**  
4515 Fleur Drive - #303  
Des Moines, Iowa 50321

SUBJECT: Amendment - Updating Labelling  
Vapona Insecticide Emulsible Concentrate  
EPA Registration Number 47000-17  
1% Vapona  
EPA Registration Number: 47000-52  
Dairy Cattle Spray  
EPA Registration Number 47000-54  
Your Submissions Dated November 28, 29 and 30, 2003

Dear Mr. Rolfes:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. On the front panel for all products delete the statement "Not for Sale for Any Other Uses."
2. For EPA registration Number: 4700-52 add minimum retreatment interval for "barn fog use" similar to instructions under animal buildings.

Based on your letter and explanation dated November 30, 2003 it is not necessary to add the precaution "Remove animals prior to treatment."

The revised CSF's dated November 28, 29 and 30, 2003 are acceptable and replaces all previously submitted CSF's.

Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division 7505C

Enclosures



# 1% Vapona Insecticide

APR 14 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the use only registered under EPA Reg. No.

47000-52

FOR AGRICULTURAL/COMMERCIAL USE ONLY. NOT FOR SALE FOR ANY OTHER USES.

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

**ACTIVE INGREDIENTS:**

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate).....	0.98%*
Related compounds.....	0.02%*
OTHER INGREDIENTS.....	99.00%**
TOTAL	100.0%

\*Equivalent to 1% Vapona

\*\*Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

## WARNING

### FIRST AID

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 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 advise.
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 between 6:30 am and 4:30 Pacific Time. After 4:30 call your poison control center.  
 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.

**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. Pralidoxime 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 250 cc of saline over a 15 to 30 minute period. If this is not practicle, 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 gram. 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**

**WARNING**

May be fatal if swallowed, inhaled or absorbed through the skin or eyes. Causes moderate eye irritation and skin irritation. Do not breathe vapors or spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Handlers must wear: Coveralls over long sleeved shirt and long pants; chemical-resistant gloves, such as butyl rubber or nitrile rubber; chemical-resistant headgear for overhead exposure; protective eyewear; and a respirator with an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23), or a canister approved for pesticides (MSHA/NIOSH approval number TC-21C), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any P, R or HE prefilter.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Apply this product only as specified on this label. Do not contaminate water when disposing of equipment washwaters or rinsate.

**PHYSICAL OR CHEMICAL HAZARDS**

**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.

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

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.

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 this diluted mixture 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 chemicals within 8 hours.

STORAGE AND DISPOSAL

Prohibitions: 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: (Plastic); Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerator, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, 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. 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.

EPA Reg. No. 47000-52

EPA Est. No. 47000-IA-01

NET CONTENTS: \_\_\_\_\_

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