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769-625

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**VAPONA\* EM-2**  
**Emulsifiable Insecticide**

Only For Sale To, Use and Storage By Pest Control Operators or Other Servicepersons

**Active Ingredients:**

Dichlorvos [2,2-Dichlorovinyl dimethyl phosphate]* .....	22.0%
Related Compounds .....	1.7%
Inert Ingredients:** .....	76.3%
Total: .....	100.0%

\*Equivalent to 23.7% Vapona Insecticide or 2 lbs./gallon

\*\*Contains xylene range aromatic solvent



**KEEP OUT OF REACH OF CHILDREN**



**DANGER/POISON/PELIGRO**

**STATEMENT OF PRACTICAL TREATMENT**

**If Swallowed:** Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT induce vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting give victim 1 or 2 glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Do not induce vomiting or

give anything by mouth to an unconscious or convulsing person.

**If Inhaled:** Remove victim to fresh air. Give artificial respiration if needed. Get medical attention immediately.

**If On Skin:** Remove contaminated clothing and wash affected areas with soap and water.

**If In Eyes:** Flush eyes with plenty of water for at least 10 minutes. Call a physician immediately.

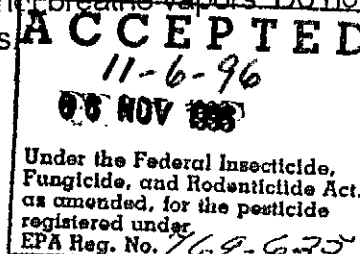
**Note To Physician:** Symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps. **Treatment:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are any signs of parasympathetic stimulation, Atropine should be injected at 10 minute intervals, in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contradicted. 2-PAM is contraindicated and may be administered in conjunction with Atropine.

**PRECAUTIONARY STATEMENTS**

**Hazards To Humans and Domestic Animals**

**DANGER/POISON**

Poisonous if swallowed, inhaled or absorbed through the skin and eyes. Rapidly absorbed through the skin. Repeated inhalation or skin contact may without symptoms, progressively increase susceptibility to Dichlorvos (DDVP) poisoning. Do not swallow or get in eyes or on skin or on clothing. Do not breathe vapors. Do not contaminate food or feed products.



## 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 either an organic vapor removing OV 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)

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.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. 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 apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees visiting ornamentals, weeds, or other vegetation blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

## PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

## STORAGE AND DISPOSAL

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

**Storage:** Store product in original container in a cool, dry, locked place out of reach of children.

**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 Disposal:** (Metal) Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or by other procedures approved by state and local authorities. (Plastic) Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned stay out of smoke.

### **DIRECTIONS FOR USE**

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

Not for use in Federally Inspected Meat and Poultry Plants

### **INDOOR PEST CONTROL**

For use only in households and the non-food/feed areas of restaurants, theaters, food processing plants, industrial plants and warehouses.

Do not use in the food/feed areas of food/feed processing plants, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. In the home all food processing surfaces and utensils should be covered or removed.

Non-food/feed areas of commercial food/feed manufacturing establishments includes areas such as garbage rooms, lavatories, floor drains, (to sewers' entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

For indoor use, only crack and crevice treatments are permitted. Space spray use is prohibited.

Do not use to treat nonperishable bagged and/or bulk stored raw or processed agricultural commodities.

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 treat more than 5 application sites per day and do not make DDVP applications more than once per week.

**Insects:** Flies, Mosquitoes, Wasps, Gnats, Flying Moths, and other small flying insects. Cockroaches, Ants, Spiders, and Silverfish.

**Mixing Rate:** Use a 0.5% spray solution by mixing 1 pint of SMCP Vapona 2 Solution with 5 gallons of water.

**How To Apply:** Apply a 0.5% spray with a low pressure sprayer to localized areas insects may infest. Treat areas around baseboards, cracks, walls, door and window frames, and localized areas of floors. Do not apply to areas

which will be contacted frequently by children and do not allow them in treated areas until surfaces are dry. Do not contaminate food, water, food containers or cooking utensils.

### FOGGING & MISTING

Food Processing Plants, Industrial Plants, Theaters, Warehouses

Do not use in the food/feed areas of the following food/feed handling establishments: Bottling plants, (including wineries, breweries, soft drinks), frozen food/feed (including pizza plants and ice cream plants) excluding non-food/feed manufacturing areas. Food/feed processing establishments: meat, poultry and seafood slaughtering and/or packing plants (including edible fats and oils), frozen food/feed plants (including fruit and vegetables), dairy product plants (including milk processing plants) excluding non-food/feed processing areas.

Do not use to treat non-perishable, packaged or bagged raw or processed food/feed commodities or bulk raw or processed food commodities.

**Insects:** Flies, Ants, Roaches and Silverfish

**Mixing Rate:** Use a 1.0% solution by mixing 1 quart of SMCP

Vapona 2 Solution with 6 gallons of water or 7 gallons of deodorized base kerosene.

**How To Apply:** Apply with fogging or misting equipment at the rate of 1 gallon of 1% fogging solution per 64,000 cubic feet for control of Flies. When fogging for control of Roaches, Ants and Silverfish, the fog should be directed into cracks and crevices and hiding places. Food should be removed and food handling equipment covered with wrapping paper before application or washed with a suitable cleaning compound and potable water after the application is completed.

All treatments should be made during the 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. Place WARNING signs at all entrances stating: " THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS."

THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS; OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE (e.g. a Dräger Tube) INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0.1 PPM); AN AIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT.

DO NOT ENTER PRIOR TO \_\_\_\_\_ AM or PM ON \_\_\_\_\_ (Date) WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OR DDVP ARE 50% OF THE PEL OR LESS.

**Note:** The solvent and/or the active ingredients in this product may soften or stain certain plastic, rubber, asphalt and/or carpeted floor coverings. Do not treat nor allow this product to come in contact with such surfaces of floors, carpets or rugs since damage may occur.

### OUTDOOR PEST CONTROL

#### **FOGGING & MISTING**

Outdoor living areas, Picnic Areas, Backyard Areas, Patios, Loading Docks, Outdoor Latrines, Parking Areas, Refuse Areas around Service Stations, Open air Drive-ins, Garbage Collection & Disposal Areas.

**Insects:** Flies, Mosquitoes, Gnats

**Mixing Rate:** Use a 1% fogging or misting solution by mixing 1 quart with 6 gallons of water or 1 quart with 7 gallons of diesel oil.

**How To Apply:** Apply the 1% fogging solution with fogging apparatus or mist blowers at the rate of 5 to 10 pints per acre, equivalent to 0.05 to 0.1 pound DDVP insecticide per acre. Do not treat areas where food or feed crops are growing. **AS A SPRAY:** to control Flies, Gnats, Mosquitoes,

Roaches, Fleas, Ants, Sowbugs and Brown Dog Ticks use a 0.5% spray solution by mixing 1 pint of this product with 6 gallons of water or 1 pint in 7 gallons of diesel oil. Apply as a coarse wet spray at the rate of 1 quart per 1,000 sq. ft. Do not treat animals or humans. Do not contaminate water, food, food containers or cooking utensils. Repeat as necessary. This product may be used as a 1% to 3% fog or mist solution to control Flies, Mosquitoes, Wasps, Gnats and other small flying insects in outdoor areas.

### MANURE PILES/GARBAGE DUMPS

For the control of Fly Maggot breeding areas apply at the rate of 1 to 2 quarts of 0.5% spray solution per 100 sq. ft. (use 1 quart of 1% solution).

### DOG KENNELS

Apply to outside dog runways, window sills and ledges at the rate of 1 quart of 0.5% spray solution per 1,000 sq. ft. For the control of Fleas, and Brown Dog Ticks increase dosage to 2 quarts of 0.5% spray per 1,000 sq. ft. **NOTE:** Remove dogs and cover or remove feed and water before treating.

### ANIMAL BUILDINGS

Horse Barns, Dairy Barns, Shelter Sheds, Milk Sheds, Pig Pens, Outdoor Areas

**Insects:** Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sowbugs and Brown Dog Ticks. **IMPORTANT:** Applicator should wear an approved respirator when using this product indoors and should vacate the area after treatment. See Hazards To Humans & Domestic Animals paragraph.

**Mixing Rate:** Use a 0.5% spray solution by mixing 1 pint of SMCP Vapona 2 Solution this product with 6 gallons of water. Apply as a coarse wet spray at the rate of 1 quart per 1,000 sq. ft.

**How To Apply:** Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows and other openings. Spray around doorways, feed storage rooms, alleyways and window sills. Do not contaminate milk or milking utensils. Do not treat animals or humans. Do not contaminate water, feed or foodstuff. Repeat as necessary. Animals may be present during treatment. In poultry houses apply to manure, window sills, outside of penned enclosures and floor of feed storage rooms.

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using this product. **DISCLAIMER:** SureCo warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions For Use, subject to the inherent risks referred to above. SureCo makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty.

In no case shall SureCo be liable for consequential, special, or indirect damages resulting from the use, handling or application of this product.

EPA Reg. No. 769-625  
EPA Est. No. 769-GA-1

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