

FOR USE BY PEST CONTROL OPERATORS ONLY

### DIRECTIONS

Mix Guardian DDVP 50 OS to proper strength before using.

#### READ DIRECTIONS BEFORE USING

**Preparation of premises:** This product is toxic to fish. Keep Out Of Any Body Of Water. After application, open several windows or doors to create air currents to insure reduction of DDVP vapors.

**REMOVE FISH AQUARIUM FROM ROOM BEING TREATED.**

For thorough or complete treatment of homes and apartments, occupants should vacate and not reoccupy the premises for at least four hours after treatment.

**Preparation of Solution:** Mix one part of Guardian 50 OS DDVP with 49 parts of oil or 99 parts of oil to prepare the diluted solution. See DANGERS for Handling the Concentrate.

Parts of Oil	Parts DDVP 50 OS	Final Strength
99	1	0.5%
49	1	1.0%

Stir the solution occasionally. Prepare the volume to be used immediately or at least within 2 to 3 days. Store in heresite or polyethylene lined containers. Wash out spray equipment before storing.

**SOLUBILITY:** Guardian DDVP 50 OS is a concentrate that dissolves in odorless oils or other petroleum solvents. After use, dispose of all empty containers by burning or burying. Flush all wastes or residues with soap and water if spilled.

REMOVE ALL PETS AND AQUARIA BEFORE TREATMENT

#### CAUTION

This product is toxic to shrimp, crabs, fish, birds, and other wildlife. KEEP OUT OF LAKES, STREAMS OR PONDS. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

**APPLICATIONS WITHIN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS**  
LIMITED TO CRACK AND CREVICE TREATMENT ONLY. APPLY A SMALL AMOUNT OF MATERIAL DIRECTLY INTO CRACKS AND CREVICES SUCH AS EXPANSION JOINTS BETWEEN DIFFERENT ELEMENTS OF CONSTRUCTION OR BETWEEN EQUIPMENT BASES AND THE FLOOR, WALL VOIDS, MOTOR HOUSING, JUNCTION BOXES OR SWITCH BOXES, CONDUITS OR HOLLOW EQUIPMENT LEGS WHERE COCKROACHES, WATERBUGS, ANTS, SPIDERS, SILVERFISH HIDE. CARE SHOULD BE TAKEN TO AVOID DEPOSITING THE PRODUCT ONTO EXPOSED SURFACES OR INTRODUCING THE MATERIAL INTO THE AIR. AVOID CONTAMINATION OF FOOD OR FOOD PROCESSING SURFACES.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED.

USE A 0.5% SPRAY FOR CRACK AND CREVICE TREATMENT.

**FLIES:** Use low pressure sprayer. Apply as a general spray. Spray window frames, doorsills, screens where flies may enter. Repeat as often as necessary

**COCKROACHES:** With the diluted solution treat cracks, baseboards, closets, pipe entries and other places cockroaches infest. Apply by fine pencil stream sprayer. Thorough application is desired.

**WATERBUGS, SILVERFISH, ANTS:** are controlled indoors by the procedures recommended for cockroaches. Outdoors ant hills and visible ant runs should be thoroughly wetted with diluted solution. Repeat as often as necessary.

**FLEAS:** With an 0.5% solution treat cracks, baseboards, closets, bed-frames, underside of chairs, couches, stools, and other places the insects may infest. Treat floors and floor coverings. Repeat as often as necessary. Apply with a low pressure sprayer. Thorough application is desired. Treatment of rugs, curtains and fabrics should be light. Make spot treatment to avoid damage.

**BEDBUGS:** Mattresses may be lightly treated on the underside around seams and buttons using a 0.5% solution. Ventilate about 12 hours before reuse. Treat cracks and baseboards. Take bed apart and spray parts, backs of picture frames, loose wall paper, all cracks and crevices, furniture in room.

**DOGS AND CAT BEDDING:** May be treated on underside to kill fleas. Ventilate mattresses and bedding 12 hours before reuse. Treat bedding lightly. DO NOT USE ON PETS.

**BROWN DOG TICK:** In kennels and sheds not occupied by humans which are infested with brown dog ticks apply solution with low pressure sprayer to floor, floor coverings and other infested areas. Also apply with pencil stream spray, cracks in floors, walls, doors, door frames, and other places harboring ticks. Use 1 quart of 0.5% diluted solution per 500 square feet of floor space. Close for 4-8 hours before ventilating. Note that this dose of DDVP is about two times greater than doses suggested for flies, cockroaches and fleas.

**DO NOT USE ON PETS.**

**MOSQUITOES:** Indoors mosquitoes are killed by the procedure recommended above for fly control. Mosquito larvae outdoors are controlled by spraying oil solution on breeding areas. Mix 1 part DDVP 50 OS with 49 parts of oil for a 1% solution. Apply 8 gallon of 1% concentrated solution to one acre or about 1 quart to 1400 square feet for adult mosquito control outdoors. Repeat as often as necessary. Do Not Treat Areas Where Food Or Feed Crops Are Growing

# GUARD



Net Contents:

## DDVP

A Volatile P.C.O.

**ACTIVE INGREDIENTS:**  
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# GUARDIAN



Net Contents:

## DDVP 50 OS

### A Volatile P.C.O. DDVP Concentrate

**ACTIVE INGREDIENTS:**

2,2-dichlorovinyl dimethyl phosphate	46.5%
Related Compounds	3.5%
Aromatic Petroleum Derivative Solvent	50.0%
<b>TOTAL</b>	<b>100.0%</b>

**Keep Out Of Reach Of Children**

(See antidote statement and other required danger state ments on side panel)

**DILUTE BEFORE USING  
READ DIRECTIONS AND DANGER**

*Or Chem Corp.*

1514 11th Street  
Portsmouth Ohio 45662  
Phone 353 1125

**THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. KEEP OUT OF ANY BODY OF WATER. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT, OR DISPOSAL OF WASTES. APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.**

**DANGER**

Guardian concentrate and the diluted solutions are **POISONOUS**. Therefore precaution must be observed when handling them. (See Antidote and Dangers.)

Store the concentrate and diluted material in a safe place. Children and animals must not be able to reach or handle the concentrate or diluted solution. It is recommended that only the amount of diluted solution be prepared from this concentrate that will be used, immediately. Mix the concentrate outdoors or in a well-ventilated room. Wash off the outside of the bottle of concentrate in running water before storing away. **DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

## POISON

**ANTIDOTE:** Atropine is the antidote for DDVP (Vapona). Consult your physician immediately for a supply of 1 100 grain Atropine for emergency use. DDVP if swallowed, give a tablespoon of salt in a glass of warm water and repeat until the vomit fluid is clear. Have victim lie down and keep warm and quiet. **CALL A PHYSICIAN IMMEDIATELY.** If on the skin, wash with large amounts of soap and water. If inhaled, remove victim to fresh air, keep warm and quiet. **CALL A PHYSICIAN IMMEDIATELY.** 2-PAM is also antidotal and may be administered in conjunction with atropine. If warning symptoms appear: Administer 2 1/100 grain atropine tablets immediately. Never administer atropine tablets until warning symptoms appear.

## WARNING SYMPTOMS

Keep Patient prone and quiet. Start artificial respiration immediately if the patient is not breathing. Transport the patient immediately to the nearest physician. Note to Physician & Warning 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 parasynthetic nervous stimulation. If there are signs of parasynthetic stimulation atropine sulfate should be injected at 10 minute intervals in doses of 1-3 milligrams until complete atropinization occurs. Morphine is contraindicated. Clear chest by postural drainage. 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 time for cholinesterase regeneration has been allowed as determined by blood test.

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