

## RESTRICTED USE PESTICIDE

Due to primary 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.

# SureKill<sup>®</sup>

## Advanced Insecticide Products

# VAP-5<sup>™</sup>

### 5% VAPONA INSECTICIDE

For use in Warehouses, Railroad cars, Stationary Trucks, Flour Mills, Grain Mills, Rice Mills containing non-perishable, packaged or bagged raw processed food/feed commodities or bulk raw or processed food/feed commodities.

For use in Non-Food/Feed Areas of Food /Feed Handling Establishments, Restaurants and other areas where food is commonly prepared or processed.

#### Active Ingredients:

Dichlorvos (2,2-dichlorovinyl dimethyl phosphate) .....5.0%

\*Other Ingredients:.....95.0%

Total.....100.0%

\*Contains Petroleum Distillates

This product contains 0.336 pounds of DDVP per gallon.

EPA Reg. No. 47000-74

EPA Est. No. 47000-IA-01

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

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.) See Side Panels for Additional Precautionary Statements*

#### FIRST AID Organophosphate

<b>If In Eyes:</b>	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"><li>Take off contaminated clothing.</li><li>Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>Call poison control center or doctor for further treatment advice.</li></ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"><li>Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital.</li><li>Do not give any liquid to the patient.</li><li>Do not administer anything by mouth to an unconscious person.</li><li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li></ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"><li>Move person to fresh air.</li><li>If person is not breathing call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth, if possible.</li><li>Call a poison control center or doctor for further treatment advice.</li></ul>

**NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.** Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

**POISONING SYMPTOMS:** This product is a cholinesterase inhibitor. Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive and pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

#### TREATMENT:

Atropine is the specific therapeutic antagonistic 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. Morphine is contraindicated. 2-PAM is also antidotal and may be administered in conjunction with atropine. Clear chest by postural drainage. Repeated exposure to cholinesterase inhibitors 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.

Have product container or label with you when calling a poison control center, doctor, or going for treatment.

For 24-hour emergency information on this product, call  
1-800-498-5743 (US & Canada) or 1-651-523-0318

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage. Harmful if swallowed. Do not get in eyes or on clothing. Avoid contact with skin.

#### Personal Protective Equipment (PPE):

Mixers, loaders, applicators, and other handlers must wear:

- Goggles or face shield,
- Long-Sleeve Shirt,
- Long Pants,
- Shoes and Socks, and
- Chemical-resistant gloves (barrier laminate, nitrile, or Viton)
- Chemical-resistant headgear for overhead exposure,
- Chemical-resistant apron required for mixing/loading and cleaning equipment.
- Wear a minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and combination N1, R, or P filters; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air purifying respirator with OV cartridges and combination HE filters.

#### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions or 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 product's 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.

**⚠** This product can expose you to chemicals, including Dichlorvos (DDVP, CAS No. 62-73-7), which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### 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 by disposing of equipment washwaters or rinseate.

#### PHYSICAL OR CHEMICAL HAZARDS

Combustible. 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.

**READ THIS LABEL:** Read this entire label and follow all use directions, use restrictions and precautions.

#### RESTRICTIONS

- Do not apply this product in a way that will contact workers or any other persons, either directly or through drift.
- Do not enter or allow people or pets to enter until sprays have dried.
- Only protected workers wearing specified PPE may be in the area during application. When applying as a fog or mist indoors, equipment must be operated remotely. Handlers may not be present in an indoor area being fogged or misted during application.
- Do not apply this product through any type of irrigation system.
- Use in hand held fogger or hand held smoke generator equipment is prohibited.
- Use in residential sites as a crack and crevice or space spray is prohibited.
- Use on Lawns, Turf or Ornamentals is prohibited.

#### 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 product name) Fumigant in Use
5. 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 concentrate 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 application is complete. Ventilation is complete either when 24 hours have elapsed following application and the building has been opened and 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).

VAP-5 is a specially formulated insecticide designed for use in the control of exposed stages of stored products insects infesting warehouse, silos, bulk bins and food/feed processing, food/feed manufacturing, handling and storage plants containing non-perishable, packaged or bagged raw or processed food/feed commodities or bulk raw or processed food/feed commodities and non-food/feed areas of processing and manufacturing plants.

Non-food/feed processing and manufacturing plant use areas include garbage rooms, lavatories, floor drains (to sewer entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

The term "non-perishable" means any raw or unprocessed food/feed not subject to rapid decay or deterioration that would render it unfit for consumption.

Raw commodities would include: animal feed, cocoa beans, dried beans, grain crops, peanuts, soybeans and nut crops.

Raw commodities do not include: eggs, milk, meat, poultry, fish, fresh fruits and vegetables.

Processed food/feed would include: flour, sugar, cereals, packaged goods and crackers. Processed food/feed do not include: hermetically sealed food/feed or manufactured dairy products or other processed food/feed requiring freezing or refrigeration.

When using in food/feed processing, food/feed manufacturing, handling and storage areas: Apply only during times when plant is not in operation and no food/feed products are exposed. If bulk unpackaged food/feed are exposed, remove or cover before treatment begins. All food/feed processing surfaces should be covered during treatment or thoroughly cleaned before reuse.

#### RESTRICTION: USE IS PROHIBITED IN:

##### Food/Feed Manufacturing Establishments:

Bottling Plants (including wineries, breweries, soft drinks), Frozen Food/Feed (including pizza 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 manufacturing areas.

#### USE AND APPLICATION DIRECTIONS

For the control of exposed stages and the prevention of migration of most species of stored product insects, granary weevils, rice weevils, confused flour beetles, saw-toothed grain beetles, cigarette beetles, Indian meal moths, and cocoa bean moths.

#### FOGGING:

VAP-5 may be used in most types of fogging devices with the exception of the Thermal Fogger. The rate of application should be between 1-2 grams of actual dichlorvos per 1000 cubic feet or ½ - 1 ounce of liquid per 1000 cubic feet.

Check amount of liquid in insecticide tank or auxiliary tank before and after treatment to assure proper dosage has been applied. Return unused insecticide to original container and clean machine outdoors using an approved solvent before returning to truck or storage area. This will help preserve equipment and prevent cross-contamination.

Keep a minimum 7 day interval between applications except on cocoa beans and raw (unshelled) peanuts where daily application do not exceed 0.5 grams a.i. per 1000 cubic feet of head space.

Do not make applications when temperatures are below 60°F.

#### SPACE SPRAY AND CONTACT SPRAY (NON-FOOD/FEED PROCESSING AREAS ONLY):

Non Food/Feed Areas of Food/Feed handling Establishments are 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 and bottling). Dilute to 1-3% with an approved solvent and apply at the rate of 1 gallon per 64000 cubic feet to kill roaches, silverfish, fleas, waterbugs, earwigs, ants, spiders, in shelter situation. Adjust a ULV spraying device to a course spray for parts of the room suspected of harboring these insects. Special attention should be paid to cracks, hidden surfaces under equipment, and food storage areas. Then adjust the ULV device to deliver a fine spray for use as a space spray. Sweep up and destroy dead insects.

#### FOR USE AS A CONTACT SPRAY:

Dilute to 1% and spray 1 pint per 10000 cubic feet or 1000 square feet of foot space.

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.

#### OPERATING INSTRUCTIONS

(for specific operating instructions, refer to Manufacturer's Instruction Booklet furnished with machine)

1. Having calculated amount of time required for treatment and flow rate required, place machine at farthest point from intended exit.
2. Direct nozzle(s) upward and point down aisle, not directly toward and nearby object.
3. Start machine and adjust flow to desired rate. Calibrate if necessary. Refer to operating manual.
4. Operate for calculated time period. Begin by backing along pre-calculated path at predetermined spec.
5. When treatment time has been completed, stop insecticide flow by closing valve. Wait until spray stops, stop machine and remove from area.

#### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store containers in a secure area under lock and key. Storage area should be equipped to handle

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate 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:

**Non-Refillable Container:** Do not reuse or refill this container. Triple rinse (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 rinseate into application equipment or mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

#### DISCLAIMER

**DISCLAIMER:** To the extent permitted by applicable law, Seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling or improper storage of this material. To the extent permitted by applicable law, Seller does not assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or improper storage of this material.

For non-emergency (e.g., current product information),  
Call: 1-800-621-8829

Manufactured by: Chem-Tech, Ltd.™ • 1006 Business Highway 5 • Pleasantville, IA 50225 U.S.A.  
Chem-Tech, Ltd. is a wholly-owned subsidiary of Neogen Corporation. L5968-0121



Net Contents: 5 gal. (18.93 L)