

## Restricted Use Pesticide Due to 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®

## Advanced Insecticide Products

# VAP-5™

### 5% VAPONA INSECTICIDE

For use in Warehouses, Railroad Cars, Stationary Trucks, Flour Mills, Grain Mills, and 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 commercially prepared or processed.

#### Active Ingredients:

Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate) .....5%

\*Other Ingredients:.....95%

Total.....100%

\*Contains petroleum distillate.

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

See Side Panels for Additional Precautionary Statements

EPA Reg. No. 47000-74

EPA Est. No 47000-IA-1

#### FIRST AID

Contains an organophosphate that inhibits cholinesterase.

<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>Immediately call poison control center or doctor.</li> <li>Do not induce vomiting unless told to do so by poison control center or doctor.</li> <li>Do not give any liquid to the person.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<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 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 treatment advice.</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 ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li> <li>Call a poison control center or doctor for further treatment.</li> </ul>

For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas)  
Have the product container or label with you when calling a poison control or doctor, or going for treatment.

#### NOTE TO PHYSICIAN:

**Symptoms:** Symptoms include weakness, headaches, tightness in chest, blurred vision, non-reactive 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 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 contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. 2-PAM is also antidotal and may be administered in conjunction with atropine. 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. Causes severe eye damage.

Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

### DANGER

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

Do not contaminate food products by direct contact with liquid.

#### 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.

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

- long-sleeved shirt and long pants,
- Chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or Viton,
- Shoes plus socks,
- Goggles or face shield,
- Respirator with an organic vapor-removing 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), or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter.

#### ENVIRONMENTAL HAZARDS

**Outdoor Use:** 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.

**Indoor Use:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

#### PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

#### User Safety Requirements

Follow manufacturer's instructions for cleaning/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 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 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.

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.

#### GENERAL PRECAUTIONS AND RESTRICTIONS

All fogging or space spray treatments 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 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 others to enter until sprays have dried.

**SureKill Advanced Fogging Products VAP-5** is a specifically formulated insecticide designed for use in the control of exposed stages of stored product insects infesting warehouses, 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 processed 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 and 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 using.

#### NOTE: 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 vegetable), dairy product plants (including milk processing plants), excluding non-food/feed processing 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—SureKill Advanced Fogging Products 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 1,000 cu. ft. or ½ to 1 ounce of liquid per 1,000 cu. ft.

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 applications do not exceed 0.5 grams a. i. per 1,000 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, locked 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 spray per 64,000 cu. ft. to kill roaches, silverfish, fleas, waterbugs, earwigs, ants, and spiders, in shelter situation. Adjust a ULV spraying device to a course spray for control of the above listed crawling insects. Contact as many of the insects with the spray as possible. Thoroughly spray all 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 10,000 cubic feet or 1,000 square feet of floor 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.

#### GENERAL 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 pointed down aisle, not directly toward any 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 speed.
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 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 Disposal:** 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.

**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. L5968-0518



**Net Contents: 5 gal. (18.93 L)**