



# Vapona®

## Concentrate Insecticide Controls Flies, Gnats, and Mosquitoes on Cattle and Around Livestock and Poultry Premises

### RESTRICTED USE PESTICIDE:

Due to acute oral, acute dermal, primary eye and primary dermal toxicity. 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.

DO NOT SHIP OR USE THIS PRODUCT UNLESS DIRECTIONS FOR USE ARE ATTACHED.

Active Ingredients	By Weight
Dichlorvos (CAS #62-73-7)	40.2%
Other Ingredients	59.8%*
Total	100.0%

\*Contains petroleum hydrocarbons.

For Agricultural/Commercial Use Only

Not For Use In Or Around Residential Sites

**DILUTE** Prior to use

### Keep Out of Reach of Children

# DANGER POISON PELIGRO

#### FIRST AID

If on skin or clothing:	<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 a poison control center or doctor for treatment advice.</li> </ul>
If in eyes:	<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>
If swallowed:	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Do not give any liquid to this person.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled:	<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 by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

#### HOT LINE NUMBER

Contains an organophosphate that inhibits cholinesterase.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-422-9874 for emergency medical treatment information.

#### NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum hydrocarbons – vomiting may cause aspiration pneumonia. **Poisoning Symptoms:** Symptoms include weakness, headache, 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 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 250cc of saline over a 15 to 30 minute period. If this is not practical, 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 grams. 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.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER - POISON.** Fatal if absorbed through skin. Do not get in eyes, on skin, or on clothing. Corrosive. Causes skin burns and irreversible eye damage. May be fatal if swallowed. Harmful if inhaled. Avoid breathing vapor, or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN AND EYES. RAPIDLY ABSORBED THROUGH SKIN. REPEATED INHALATION OR SKIN CONTACT MAY WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DICHLORVOS (DDVP) POISONING.** Do not swallow or get in eyes, on skin or on clothing. Do not breathe vapor. Do not contaminate food or feed products. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**CALIFORNIA ONLY:** When used in enclosed structures, do not enter or allow worker entry during the Restricted Entry Interval (REI) of 24 hours.

##### 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 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.

##### 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.

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 pesticide is highly toxic to fish, birds and aquatic invertebrates. Do not apply directly to water, or 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 wash-waters or rinsate.

##### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not use with thermal foggers or heat-generating devices.

#### DIRECTIONS FOR USE

##### RESTRICTED USE PESTICIDE

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

This product must be mixed with water or diesel oil, depending on use, prior to using. It is suitable for use in conventional power or low pressure knapsack sprayers, mist blowers or non-thermal foggers. Select the specific site, method of use and insect problem, then dilute as directed. Follow the remarks for the safe use and best results in using this product. Do not store diluted product. Prior to use, read the Precautionary Statements elsewhere on this product label.

**NOTIFICATION:** Before the start of 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 ENTREE, (3) the date and time of fumigation, (4) Dichlorvos 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 monitoring device (e.g. Draeger tube) indicates that the Dichlorvos air concentration is equal to, or less than 0.050 ppm (50% of the OSHA PEL).

##### NOT FOR USE IN OR AROUND RESIDENTIAL SITES.

This product can be used on lactating dairy cattle and requires only 1-day withdrawal period when used on beef cattle.

##### Livestock Use Directions – Dilute In Water Only

For direct application to beef and dairy cattle (including lactating). Do not make direct application to livestock more frequently than once per day.

##### MUST BE DILUTED PRIOR TO APPLICATION.

Use	Insects Controlled	Dilution Vapona In Water	Remarks
Dairy Cattle (including lactating), Beef Cattle	Horn Flies, Face Flies, Stable Flies, House Flies, Mosquitoes	1 gal. in 50 gal. or 5 oz. in 2 gal. (1% Dilution)	Apply 1 to 2 fl. oz. of diluted solution (do not exceed 2 oz.) per animal daily as a fine mist spray. Be sure to cover all parts of animal for best results. Do not apply in combination with other dermal organophosphate pesticides (e.g. trichlorfon). Brahman and Brahman cross cattle should not be treated as they may show hypersensitivity to organophosphates. Do not wet the hide. Do not apply to calves under 6 months of age. One day withdrawal is required on beef cattle.

##### Indoor Premise/Area Use Directions – Dilute in Water Only

For indoor application to livestock facilities.

Use	Insects Controlled	Dilution Vapona In Water	Remarks
Dairy Barns, Poultry Houses, Swine Barns, Other Animal Buildings	Flies, Gnats, Mosquitoes, Roaches, Sowbugs, Ants	1 gal. in 100 gal. or 2 oz. in 1.5 gal. (0.5% Dilution)	Apply as a space spray mist to open air space at the rate of 1 quart (32 oz.) of diluted solution per 8,000 cubic feet or as a coarse wet spray to indoor surfaces at the rate of 1 quart of diluted solution per 1,000 sq. ft. Before applying reduce air movement as much as possible by closing doors, windows, and other openings. Do not use this solution in areas where animals have received a direct organophosphate pesticide application within eight hours. If animals are present, ventilate treated area immediately following spray application. Do not contaminate water, feed, or foodstuffs, milk or milking utensils.
		1 gal. in 50 gal. or 5 oz. in 2 gal. (1.0% Dilution)	Apply as above at the rate of 1 pint (16 oz.) per 8,000 cubic feet or 1 pint (16 oz.) per 1,000 sq. ft. when a reduced quantity of water is desired and equipment can adequately provide coverage of area to be treated.
Manure Piles	Fly Maggots	1 gal. in 100 gal. or 2 oz. in 1.5 gal. (0.5% Dilution)	Apply as above at the rate of 1 to 2 qts. of solution per 100 sq. ft. of manure once a week.

##### Outdoor Area Use Directions – Dilute in Water (Misting) or Diesel Oil (Fogger)

For outdoor area treatment of livestock holding facilities.

Use	Insects Controlled	Dilution Vapona In Water	Remarks
Cattle Feedlots, Stockyards, Holding Pens, Corrals	Flies, Gnats, Mosquitoes	1 gal. in 100 gal. or 1 qt. in 25 gal. (0.5% Dilution)	Apply at an overall application rate of approximately 5 gallons of diluted solution per acre. Fog or mist during the time insects are most active, usually late afternoon and when there is little wind. Particular attention should be given to areas where flies congregate such as around feed bunks, fences, and walls of buildings. Avoid direct application to exposed feed and water. Animals may be present during treatment.

##### USE RESTRICTIONS:

Do not enter or allow others to enter until sprays have dried.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing specified PPE may be in the area during application.

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.

##### STORAGE AND DISPOSAL

Not for use or storage in or around the home.

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

**Pesticide Storage:** Store in original container only. Store in a safe place where children or animals cannot reach the product or its diluted emulsion. Protect from freezing.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a 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.

**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.

##### WARRANTY AND LIMITATIONS OF DAMAGES:

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and Buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty of Fitness or of Merchantability, and no agent of Seller is authorized to do so except in writing and with specific reference to this warranty. To the extent permitted by applicable law in no event shall Seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

##### CONDITIONS OF SALE:

The directions on this label were determined through research to be appropriate for the correct use of this product. This product has been tested under different environmental conditions both indoors and outdoors similar to those that are ordinary and customary where the product is to be used. Insufficient control of pests or plant injury may result from the occurrence of extraordinary or unusual conditions, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to animals, man, and damage to the environment. To the extent permitted by applicable law, Bayer offers, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual environmental conditions, or failure to follow label directions are beyond the control of Bayer and are, therefore, the responsibility of the buyer.

EPA Reg. No. 11556-174 EPA Est. No. 5481-CA-1

Net Contents: 2.5 Gallons (9.5 Liters)

Bayer HealthCare LLC, Animal Health Division

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