

Net Contents: 2.5 gallons (9.5 Liters)



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

Vapona[®] Concentrate Insecticide

Controls Flies, Gnats, and Mosquitoes on Cattle and around Livestock and Poultry Premises

Active Ingredients	By Weight
Dichlorvos (CAS #62-73-7)	40.2% *
Related Compounds	3.0% *
Other Ingredients	56.8% **
Total	100.0%

* This product contains 3.88 lbs. of Dichlorvos per gallon.

* Equivalent to 43.2% w/w VAPONA Insecticide.

** Contains petroleum hydrocarbons.

**For Agricultural/Commercial Use Only
Not For Sale For Any Other Uses**

**DILUTE
PRIOR TO USE**

Keep Out of Reach of Children

DANGER!  **POISON**
PELIGRO

TAKE TIME
OBSERVE LABEL
DIRECTIONS



See inside panels for additional
precautionary statements

EPA Reg. No. 61483-75
EPA Est. No. 5481-CA-1

Manufactured for:
KMG-Bernuth, Inc.
Houston, TX 77036-1534 U.S.A.
(800) 322-8177



42-326121470
00-0605

FIRST AID

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

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 1-800-322-8177 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**

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.

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.

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 other wildlife. Do not apply to water, or 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 or when weather conditions favor drift from areas treated. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

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

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Directions for Use

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.

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	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 organo-phosphate 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.
		5 oz. in 2 gal. (1% Dilution)	

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	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.
		2 oz. in 1.5 gal. (0.5% Dilution)	
		1 gal. in 50 gal. or	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.
		5 oz. in 2 gal. (1.0% Dilution)	
Manure Piles	Fly Maggots	1 gal. in 100 gal. or	Apply as above at the rate of 1 to 2 qts. of solution per 100 sq. ft. of manure once a week.
		2 oz. in 1.5 gal. (0.5% Dilution)	

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 Diluent	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.

STORAGE AND DISPOSAL

Not for use or storage in or around the home.

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

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: Triple-rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

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. 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.