



VAPONA® 20-E INSECTICIDE

ACTIVE INGREDIENTS:		By Wt.
2,2-dichlorovinyl dimethyl phosphate		22.02%*
Related Compounds.....		1.66%*
INERT INGREDIENTS:		76.32%**
TOTAL		100.0%

*Equivalent to 23.68% or 2 lbs. of Vapona Insecticide per gallon.
Vapona® Shell Company Registered Trademark.
**This product contains heavy aromatic naphtha.

KEEP OUT OF REACH OF CHILDREN

DANGER  **POISON**

See Side Panel For Additional Precautionary Statements.

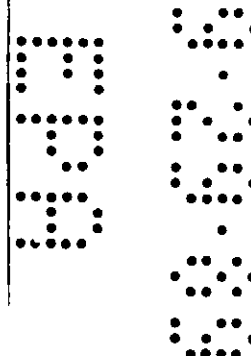
EPA REG. NO. 34704-617 EPA EST. NO. _____

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EXP-1

Not Reviewed. Registrant claims to be in accordance with
Reregistration of Pesticide Product Guidance for Phase 2
Response, Page 2.12, Active to Inert Change in Status.



DANGER

Keep out of reach of children and domestic animals. This product is poisonous if swallowed, inhaled, or absorbed through skin or eyes. Do not get on skin or eyes.

Not for use or storage in or around the home.

Do not breathe fumes. Avoid exposure to fumes.

Do not use, pour, spill, or store near heat or open flame.

Wear clean rubber gloves, protective waterproof clothing and goggles when handling the concentrate to prepare emulsions. Wear a mask or respirator of a type passed by the U.S. Bureau of Mines for DDVP (Vapona Insecticide) Protection. Keep all unprotected persons out of operating area.

In case of contact, wash immediately with soap and water. Wash thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

ANTIDOTE AND PRACTICAL TREATMENT

ATROPINE is the emergency antidote for Vapona[®] Insecticide poisoning.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

EXTERNAL: If the material has been spilled on the skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing, and wash skin with soap and running water. If the material gets into the eyes, wash immediately with running water for at least ten minutes.

IF WARNING SYMPTOMS APPEAR:

Keep patient prone and quiet.

Start artificial respiration immediately if patient is not breathing.

Transport the patient immediately to the nearest hospital. (See WARNING SYMPTOMS below.)

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 parasympathetic nervous stimulation. If there are signs of parasympathetic nervous 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.

Pralidoxime chloride (2-PAM chloride) 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 250 cc 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.

Clear chest by postural drainage.

Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor.

Allow no further exposure time until time for cholinesterase regeneration has been allowed as determined by blood test.

PRECAUTIONS IN USING

This product and the diluted emulsion are poisonous. Therefore, precautions must be observed when handling them. (See antidote and warnings on this label.)

Store the concentrate in a safe place. Children or animals must not be able to reach or handle the concentrate or diluted emulsion. It is recommended that only the amount of diluted emulsions that will be used immediately be prepared from the concentrate.

Mix the concentrate into water outdoors or in a well ventilated room. Wash off the outside of the container of concentrate in running water before storing away.

This product is toxic to fish, birds, and other wildlife. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Do not contaminate feed, water or food stuffs, milk or milking utensils.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Do not store below temperature of 0 F. Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment listed under DANGER when handling open containers.

SPILLED MATERIAL: Block or dike to prevent spreading of spill. Cover with absorbent materials such as lime, clay or sawdust. Scoop and sweep into a disposal container. Wash area with strong lye solutions, absorb and place into a disposal container.

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: Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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HE55/HE56/HE65/ES75

ANIMAL BUILDINGS

Apply this product as a 0.5% spray to control flies, gnats, mosquitoes, roaches, fleas, and brown dog ticks.

To prepare a 0.5% spray, dilute 1 pint of this product with 6 gallons of water. Apply as a coarse wet spray at the rate of 1 quart per 1000 square feet.

For a baited solution, sugar may be added at the rate of 1 pound per gallon of 1.0% spray.

Before applying in enclosed areas, reduce air movement as much as possible by closing doors, windows, and other openings. Do not treat animals or humans. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Repeat as necessary.

Dairy Barns, Stables, Livestock Buildings, Loafing Sheds, Pig Pens, and Outdoor Areas: Spray around doorways, feed storage rooms, alleyways, and window sills. Do not contaminate milk or milking utensils.

Poultry Houses: Apply to manure, window sills, outside of penned enclosures and on floor of feed storage rooms.

Manure Piles, Garbage Dumps: For the control of fly maggots in maggot breeding areas, apply at the rate of 1-2 quarts of 0.5% spray per 100 square feet.

Dog Kennels: Apply to outside dog runways, window sills and ledges. For the control of fleas and brown dog ticks, increase dosage to 2 quarts of 0.5% spray per 1000 square feet.

FOGGING ANIMAL BUILDINGS

Apply this product as a 0.5%-1.0% fog to control flies, gnats and mosquitoes.

To prepare a 0.5% fogging solution, dilute 1 pint of this product with 7 gallons of diesel oil (for a 1.0% solution, dilute 1 quart per 7 gallons of oil).

Apply at the rate of 1 quart of a 0.5% solution or 1 pint of a 1% solution per 8000 cubic feet. Before applying reduce air movement as much as possible by closing doors, windows and other openings. Do not contaminate water, feed or foodstuffs, milk or milking utensils. Do not use this solution for fogging purposes in areas where animals have received direct application within 8 hours.

Do not apply in milk rooms. Animals should be removed from premises before spraying.

CATTLE FEED LOTS, STOCKYARDS, HOLDING PENS, CORRALS

Apply this product as a 0.5% spray to control flies, gnats and mosquitoes.

To prepare a 0.5% spray, dilute 1 pint of this product with 6 gallons of water. Apply with a mist blower or other suitable equipment as an overall application at the rate of 0.2 pound of Technical Vapona® per acre (approximately 5 gallons of 0.5% spray). Particular attention should be given to areas where flies congregate such as fences, spillage areas, around feed bunks and walls of buildings. Animals may be present during treatment. Avoid direct application to exposed feed and water.

CATTLE, BEEF AND DAIRY

Apply Vapona Insecticide as a 1.0% spray to control horn flies, stable flies, face flies and mosquitoes.

To prepare a 1.0% spray, dilute 1 quart of this product with 6 gallons of water. Apply 1 to 2 fluid ounces per animal as a spray mist daily with hand or automatic sprayer. Spray to thoroughly cover all parts of the animal, including the legs, but do not wet the skin. DO NOT APPLY IN EXCESS OF 2 FLUID OUNCES PER ANIMAL PER DAY.

Do not treat animals within one day of slaughter.

Do not apply dermally in combination with Trichlorufen.

WARRANTY AND LIMITATION OF DAMAGES

Manufacturer and Seller warrant that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to therein. Manufacturer and Seller make no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or value, etc.

FORMULATED FOR
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DICHLORVOS MIXTURE, LIQUID, RQ
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