

GENERAL DIRECTIONS

VAPONA EM-4 can be used in conventional hydraulic sprayers, low-volume ground applicators, and airplane sprayers. VAPONA EM-4 kills flies, mosquitoes, wasps, ants, fleas, roaches, waterbugs, spiders, silverfish, gnats and flying moths. VAPONA EM-4 is an insecticidal concentrate containing DDVP and can be used as a baited spray against resistant and non-resistant houseflies and also for the control of other insect pests.

READ ENTIRE LABEL, USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.

DIRECTIONS FOR APPLICATION BY PEST CONTROL OPERATOR

(A) HOUSEHOLD, RESTAURANTS, THEATERS, FOOD PROCESSING PLANTS INDUSTRIAL PLANTS, WAREHOUSES:

To control flies, mosquitoes, wasps, gnats, flying moths, cockroaches, ants, spiders, and silverfish and other small flying insects mix 1/2 gallon of VAPONA EM-4 to 48 gallons of water or 1 1/3 fl. oz. of VAPONA EM-4 to 1 gallon of water to make a 0.5% emulsion. Apply as a coarse wet spray with a low pressure sprayer to the localized areas insects may infest. Treat infested areas around baseboards, cracks, walls, door and window frames, and localized areas of floors. DO NOT apply to areas which will be contacted frequently by children and DO NOT allow them in treated areas until surfaces are dry. DO NOT contaminate food, water, food containers, or cooking utensils. DO NOT treat animals.

DIRECTIONS FOR APPLICATION BY, OR UNDER, TRAINED PERSONNEL (B) OUTDOOR AREAS:

Mix 1 quart VAPONA EM-4 to 12 1/2 gallons of water for 1.0% Emulsion for the control of flies, mosquitoes, gnats and other small flying insects.

Apply with mist blowers. Dilute VAPONA EM-4 with water to the recommended concentration and apply at a rate of 0.05 to 0.1 lb. VAPONA insecticide per acre. For example using a 1% mist solution apply 2 1/2 pints per acre for the 0.05 lb./acre dosage or 5 pints per acre for the 0.1 lbs./A dosage. DO NOT treat areas where food or feed crops are growing.

(C) CATTLE, BEEF, DAIRY AND HORSES:

To control face flies, mix VAPONA EM-4 in a suitable sweetened bait solution and apply to the forehead of the animal using a small paint brush. A suitable sweetened bait can be prepared by mixing 1 part of water to 3 parts of corn syrup, or by dissolving 1/2 to 1 lb. of sugar in each gallon of water to be used. Mix 1 1/3 fl. oz. of VAPONA EM-4 with 1 gallon of the sweetened bait solution and apply approximately 3 ml. of this to the forehead of the animal by making a single 6-inch stroke with the brush. During the first two weeks of treatment make application in the morning while animals are in the barn. Apply as needed thereafter. Annoyance by houseflies on the face of the animal will also be reduced with this treatment.

(D) ANIMAL BUILDINGS, (HORSE BARN, DAIRY BARN, SHELTER SHEDS) MILK SHEDS, AND OUTDOOR AREAS:

To control flies, gnats, mosquitoes, roaches, fleas, ants, sowbugs and brown dog ticks.

Use 0.5% Solution: Emulsifiable Concentrate (4 lbs./gal): 1 pt. with 12 1/2 gals. water (0.5%).

DIRECTIONS FOR APPLYING

Apply VAPONA Insecticide as a coarse wet spray at the rate of 1 qt. 0.5% solution or water diluted emulsion per 1,000 sq. ft. For milk sheds, stables, livestock barns, loafing sheds, pig pens and outdoor areas treat around doorways, feed storage rooms, alleyways and window sills. DO NOT contaminate milk or milking utensils.

In poultry houses, apply to manure, window sills, outside of penned enclosures and on floor of feed storage rooms.

Treat outdoor living areas, picnic grounds, backyard areas, patios, loading docks, outdoor latrines, parking areas, refuse areas, around service stations, open-air drive-ins, ice cream stands, garbage collection and disposal areas. In treating dog kennels apply to outside dog runways, window sills and ledges. For control of fleas and brown dog ticks increase dosage to two qts. 0.5% solution or water diluted emulsion per 1,000 sq. ft.

For control of fly maggots in maggot breeding areas such as garbage dumps and manure piles apply at the rate of 1-2 qts. 0.5% solution or water diluted emulsion per 100 sq. feet.

Before applying in enclosed areas, remove animals from enclosures and 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. Ventilate before allowing animals to reoccupy treated premises. Repeat as necessary.

HOW TO APPLY:

- (1) A common garden sprinkling can or low pressure sprayer putting out a coarse, wet spray may be use.
- (2) Walk through the main alley sprinkling or spraying on the floor area and to one side of the path. The floor area on lateral stalls should be treated also.
- (3) Having calculated the dosage and the time to put out the mixture, the walking speed can be determined with fair accuracy.
- (4) Always start sprinkling at the end of the building opposite the exit.

ACCE

Aug-11-19

UNDER THE FEDERAL INSE
FUNGICIDE AND RODENTIC
FOR ECONOMIC POISON REG
UNDER NO. 6720-9

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NOTICE

Seller's guaranty shall be limited to the terms of the label and subject thereto. The buyer assumes any risk of damage to persons or property arising out of use or handling, and accepts the product on these conditions.

PRECAUTIONS IN USING

VAPONA Insecticide concentrate and the diluted emulsion are poisonous. Therefore, precautions must be observed when handling them. (See antidote and warnings below.)

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 emulsion be prepared from the concentrate that will be used immediately.

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

This product toxic to fish and wildlife. Keep out of lakes, streams, and ponds.

DO NOT contaminate feed, water or food stuffs.

WARNING

VAPONA Insecticide concentrate is poisonous if swallowed, inhaled or absorbed through skin or eyes. DO NOT get on skin or eyes. DO NOT breathe fumes. Avoid prolonged exposure to fumes. Wear natural rubber gloves, protective clothing and goggles when handling the concentrate to prepare emulsions. Wear a mask or respirator of a type passed by the U. S. Department of Agriculture for DDVP (VAPONA Insecticide) protection. Keep all unprotected persons out of operational area. In case of contact, wash immediately with soap and water. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before re-use.

ANTIDOTE AND FIRST AID TREATMENT

ATROPINE is the emergency antidote for VAPONA Insecticide poisoning. Consult your physician about obtaining an adequate supply of 1/100-grain atropine tablets for emergency use. Call a PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

INTERNAL: If the material has been swallowed, induce vomiting immediately. This may be done by introducing a finger into the throat or by giving warm salt water (1 tablespoon of salt to a glass of water). NEVER 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: Administer two 1/100-grain atropine tablets immediately. **NEVER ADMINISTER ATROPINE UNLESS WARNING SYMPTOMS APPEAR.** (See **WARNING SYMPTOMS** below).

Keep patient prone and quiet.

Start artificial respiration immediately if patient is not breathing.

Transport the patient immediately to the physician.

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 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.

Clear chest by postural drainage.

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 time for cholinesterase regeneration has been allowed as determined by blood test.

ACCEPTED WITH COMMENTS