

SHELL CHEMICAL COMPANY
A Division of Shell Oil Company
Agricultural Chemicals Division

New York, New York 10020



VAPONA® INSECTICIDE 50% CONCENTRATED SOLUTION - 2

ACTIVE INGREDIENTS

BY WEIGHT

2,2-Dichlorovinyl dimethyl phosphate
Related Compounds
Petroleum hydrocarbons

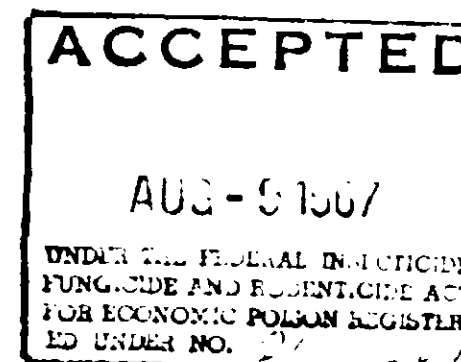
46.5%*
3.5%*
50.0%
100.0%

TOTAL

* Equivalent to 50%w VAPONA Insecticide

USDA REG. NO. 201-201

DANGER



PRECAUTIONS IN USING

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN OR EYES. KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS.

Do not get on skin or in eyes. Do not breathe fumes. Avoid prolonged exposure to fumes. Wear clean rubber gloves, protective clothing and goggles when handling the concentrate to prepare dilutions. During application indoors wear a full face mask of a type passed by the U. S. Department of Agriculture for DDVP (VAPONA Insecticide) protection. Keep all unprotected persons out of operational area. Do not apply when weather conditions favor drift or spray from areas treated. 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.

Store the concentrate in a safe place. Children or animals must not be able to reach or handle the concentrate or diluted solution. Mix the concentrate outdoors or in a well ventilated room. Wash off the outside of the bottle of concentrate in running water before storing away. It is recommended that only the amount of diluted solution be prepared from the concentrate that will be used immediately. Do not contaminate feed, water or foodstuffs.

This product is poisonous to fish and wildlife. Keep out of lakes, ponds and streams. Do not apply in any manner not specified on the label.

DECONTAMINATE AND DESTROY USED CONTAINERS: Do not re-use for any purpose. Decon-

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PRECAUTIONS IN USING (Cont'd.)

contaminate containers by washing thoroughly with a strongly alkaline detergent solution and rinsing with water. Dispose of rinsings in a way as not to constitute a hazard or contaminate water supplies.

Destroy containers by crushing or puncturing; then bury, or burn; if burned stay out of smoke.

Note: Caution! Avoid skin and eye contamination when handling strong caustic solutions.

USE AND DIRECTIONS FOR APPLICATION

Shell VAPONA Insecticide 50% Concentrated Solution is a specially prepared concentrate for use in fogging devices.

ANIMAL BLDGS. (HORSE BARN, DAIRY BARN, SHELTER SHEDS) MILK SHEDS, OUTDOOR AREAS: To control flies, gnats and mosquitoes apply as a 0.5% or 1.0% fogging solution; dilute 1/2 or 1 pt. with 8 1/2 gals. of diesel oil. One pt. of a 1% or 1 qt. of a 0.5% fogging solution will treat 8,000 cu. ft. Before applying reduce air movement as much as possible by closing doors, windows and other openings. Do not treat animals. 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.

HORSE STABLES: To control flies, fleas, roaches and mosquitoes apply as a 1% to 3% fogging solution; dilute 1 pt. with 8 1/2 gals. of diesel oil to prepare a 1% solution. 1 pt. of a 1% fogging solution will treat 8,000 cu. ft. Before applying, 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. Do not use this solution for fogging purposes in areas where animals have received direct application within 8 hours. The apparatus and operators should remain outdoors and the fog directed into the enclosure.

FOOD PROCESSING PLANTS, INDUSTRIAL PLANTS, THEATRES, WAREHOUSES: To control flies, mosquitoes, wasps, gnats, fruit flies and other small flying insects apply as a 1% to 3% fogging solution; dilute 1 pt. with 8 1/2 gals. of diesel oil to prepare a 1% solution. TO BE APPLIED BY PEST CONTROL OPERATORS ONLY. One gal. of a 1% fogging solution will treat 64,000 cu. ft. Apply when plants are not in operation. Occupants should vacate before indoor treatments and should not reoccupy the premises until it has been ventilated. After application open several windows or doors to create air currents to insure reduction of VAPONA Insecticide vapors. Food should be removed and food handling equipment covered with wrapping paper during application, or washed after application is completed. During fogging indoors use a mask or respirator of a type passed by the U. S. Department of Agriculture for DDVP (VAPONA Insecticide) protection.

WINERIES OR WINE CELLARS: To control fruit flies apply as a 1% fogging solution; dilute 1 pt. with 8 1/2 gals. of diesel oil to prepare a 1% solution. FOR USE BY TRAINED PERSONNEL ONLY. One gal. of a 1% fogging solution will treat

ACCEPTED

SEP 7 1967

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISONING
UNDER NO. 111

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PRECAUTIONS IN USING (Cont'd.)

64,000 cu. ft. Apply when the winery is not in operation. Make applications 2 or 3 times a week depending upon the actual fruit fly population. Make areas to be treated as airtight as practical by closing large ventilators, doors, windows etc. and keep closed for at least 15 minutes after treatment. Occupants should vacate before indoor treatments and should not reoccupy the premises until it has been ventilated. After application open several windows or doors to create air currents to insure reduction of VAPONA® Insecticide vapors. Food should be removed and food handling equipment covered during application, or washed after application is completed. During fogging indoors use a mask or respirator of a type passed by the U. S. Department of Agriculture for DEVP (VAPONA® Insecticide protection).

OUTDOOR AREAS: To control flies, mosquitoes, gnats and other small flying insects apply as a 1% to 3% fogging solution; dilute 1 pt. with 8½ gals. of diesel oil to prepare a 1% solution. TO BE APPLIED BY, OR UNDER THE DIRECTIONS OF TRAINED PERSONNEL. Apply at a rate of 0.05 to 0.1 lb of VAPONA Insecticide per acre. For example using a 1% fog mist solution apply 5 pt. per acre for the 0.05 lb. per acre dosage or 1-1¼ gals. per acre for the 0.1 lb. per acre dosage. Do not treat areas where food or feed crops are growing.

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 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). Repeat warm salt water until vomit fluid is clear. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have patient lie down and keep quiet.

EXTERNAL: If the material have 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 nearest 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.

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NOTE TO PHYSICIAN (Cont'd.)

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. 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.

NOTICE OF WARRANTY

SHELL CHEMICAL COMPANY MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

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Net Contents _____ gallons