

GENERAL DIRECTIONS

VAPONA® INSECTICIDE 50 O.S. is a specially prepared concentrate to be diluted with suitable base oils for use in fogging devices and conventional spray equipment.

DIRECTIONS FOR MIXING

To prepare a .5% solution, mix 1 pint of VAPONA® INSECTICIDE 50 O.S. with 18 gallons of diesel fuel or deodorized Kerosene. For small quantities, use 1 tablespoon of VAPONA® INSECTICIDE 50 O.S. per gal. of oil.

To prepare a 1% solution, mix 2 pints of VAPONA® INSECTICIDE 50 O.S. with 18 gallons of diesel fuel or deodorized Kerosene. For small quantities use 2 tablespoons VAPONA® INSECTICIDE 50 O.S. per gal. of oil.

DIRECTIONS FOR APPLICATION

For use in outdoor areas to control mosquitoes, flies and other small flying insects; apply as a fog or mist with fogging apparatus or mist blower. Dilute VAPONA® INSECTICIDE 50 O.S. with oil to the recommended concentrations and apply at a rate of .05 to .1 pound actual VAPONA® INSECTICIDE per acre. For example using 1% solution, apply 5 pints per acre for the .05% pounds dosage or 1 1/4 gallons per acre for the .1 pound dosage. Do not treat areas where food or feed crops are growing. Outdoor fogging or misting should be done by or under the direction of trained personnel.

DAIRY AND BEEF CATTLE

For use on dairy and beef cattle; to control house flies, horn flies, stable flies, face flies, and mosquitoes. Apply 1 to 2 ounces of a 1% solution per animal as a mist spray 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 apply to calves under 3 months age.

DAIRY BARN, HORSE BARN, AND MILK SHEDS

For use in dairy barns, horse barns and milk sheds; to control flies, gnats, and mosquitoes; apply as a fog. One pint of a 1% or 1 quart of a .5% solution will treat 8,000 cubic feet. Before applying reduce air movement as much as possible by closing windows and other openings. Do not contaminate water, feed or foodstuffs or utensils. Do not use in areas where animals have received direct application within 8 hours.

PRECAUTIONS IN USING

VAPONA® INSECTICIDE 50 O.S. and the diluted solutions are poisonous. Therefore, precautions must be observed with handling them. (See antidote and warning elsewhere on label.)

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

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

Do not contaminate feed, water, or foodstuffs.

This product is Toxic to fish and wildlife. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not reuse empty container. Destroy by perforating or crushing and burying in a safe place.



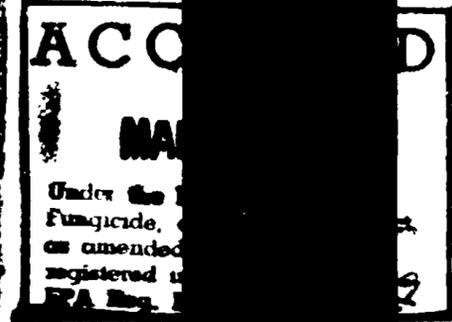
Techne

vapona®

insecticide

50 O.S.

®Shell Registered Trademark



For Control of Mosquitoes, Flies and Certain Other Flying Insects by Fogging or Misting.

NOT FOR USE OR STORAGE IN OR AROUND THE HOME.
DO NOT USE, POUR, SPILL, OR STORE NEAR
HEAT OR OPEN FLAME.

ACTIVE INGREDIENTS:	100.0%
*2,2-Dichlorovinyl Dimethyl Phosphate	46.5%
*Related Compounds	3.5%
Petroleum Hydrocarbons	50.0%

*Equivalent to 50%w of Vapona® Insecticide

DANGER

VAPONA® INSECTICIDE 50 O.S. is poisonous if swallowed, inhaled or absorbed through the 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 dilutions. Wear a full-face mask of a type passed by the U.S. Bureau of Mines for DDVP (Vapona Insecticide) protection. Keep all unprotected persons out of operational areas.

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 reuse.

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.) 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 in eyes, wash immediately with running water for ten minutes.

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.

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 the 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 allowed as determined by blood test. 2-PAM is also antidotal and may be administered in conjunction with Atropine.

NOTICE: Buyer assumes all risks of use, storage, or handling of this material not in strict accordance with directions given herewith.

Manufactured For
TECHNE CORPORATION

St. Joseph, Mo. 64502; Denver, Colo. 80216

EPA Reg. No. 449-276