

47000-17 PM 15 1 of 1
1/31/90

⚠ DANGER - POISON ⚠
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Poisonous if swallowed, inhaled or absorbed through skin or eyes. Do not get in eyes or on skin. Do not breathe fumes. Rapidly absorbed through skin. Wear natural rubber gloves, water-proof protective clothing and goggles when handling. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

NOTE TO PHYSICIAN AND ANTIDOTE STATEMENTS

NOTE: This product contains a solvent that poses an aspiration hazard.

WARNING SYMPTOMS: Symptoms include weakness, headaches, tightness of chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

ANTIDOTE AND FIRST AID TREATMENT: Atropine is the emergency antidote for VAPONA insecticide poisoning. CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

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 mgs., until complete Atropinization has occurred. 2-PAM is also antidotal and may be administered in conjunction with Atropine. Morphine is contraindicated. 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 until cholinesterase regeneration has been allowed, as determined by blood test.

DIRECTIONS FOR USE:

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

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal. Store containers in a secure area under lock and key. Storage area should be equipped to handle an accidental spill if necessary.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.



VAPONA INSECTICIDE
EMULSIBLE CONCENTRATE

ACTIVE INGREDIENTS: By Weight
2,2-dichlorovinyl dimethyl phosphate 41.4%
Related Compounds 3.1%

* **INERT INGREDIENTS** 55.5%
Total 100.0%

*Contains petroleum hydrocarbons

(Contains 4.0 lbs Vapona Insecticide per gal.)

KEEP OUT OF REACH OF CHILDREN

⚠ DANGER - POISON ⚠
See side and back panels for additional precautionary statements.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. Apply respiration if needed.

If on skin: Wash immediately with soap and water.

If in eyes: Flush eyes for at least 15 minutes with water. Call a physician immediately.

SEE NOTE TO PHYSICIAN AND ANTIDOTE STATEMENT.

CONTENTS:

DIRECTIONS FOR USE (C)

AGRICULTURAL PREMISES: Animal shelters, barns, dairy barn parlors, stables (Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, etc.)
Dosage: Use a 0.5% solution by diluting 1 pint Vapona Insecticide with 40 pints of water.

Apply as a fog or mist inside building at the rate of 1 quart diluted solution per 1000 cu. ft. of space. Do not apply in applications of Vapona within 8 hours.

Apply as a spray to all exterior and interior surfaces at the rate of 1 quart diluted solution per 100 sq. ft. of surface. Apply to piles and garbage dumps at the rate of two quarts per 100 sq. ft. of surface. Apply with mist blower or other suitable equipment. 5 gallons 0.5% diluted solution (0.2 lbs. actual Vapona) per acre. Particular attention should be given to areas where animals are housed, and walls of buildings. Animals may be exposed to feed and water.

Treat outdoor living areas, picnic grounds, backyard areas, patio areas, refuse areas around service stations, open-air drive-ins, disposal areas.

In treating dog kennels apply to outside dog runways, window sills, dog ticks increase dosage to two qts. 0.5% solution per 1,000 sq. ft.

In poultry houses, apply to manure, window sills, outside of pen rooms.

Before applying in enclosed areas, reduce air movement as much as possible. Do not treat animals or humans. Do not contaminate milking utensils. Repeat as necessary.

CATTLE, Beef and Dairy: Apply Vapona Insecticide as a 1.0% solution to flies, house flies and mosquitoes.

To prepare a 1.0% spray, dilute 1 quart of Vapona Insecticide (4.0 lbs. actual Vapona) with 40 quarts of water. Apply 1 to 2 fluid ounces per animal, as a mist spray daily. Thoroughly cover all parts of the animal, including the legs by EXCESS OF 2 FLUID OUNCES PER ANIMAL PER DAY.

Brahman and Brahman cross cattle should not be treated with organophosphates.

Do not treat animals within one day of slaughter.

Do not apply dermally in combination with trichlorfon.

WARRANTY

NOTICE: Seller warrants that the product conforms to its label for the purposes stated on the label when used in accordance with conditions of use, but neither this warranty nor any other WARRANTY FITS FOR A PARTICULAR PURPOSE, expressed or implied, contrary to label instructions or under abnormal conditions foreseeable to seller, and buyer assumes the risk of any such use.

EPA EST. NO. 47000-1A-1
MFG. BY:
CHEM-TECH, LTD.
Des Moines, IA 50313



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

KEEP OUT OF REACH OF CHILDREN

POISON

DANGER PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Vomiting should be induced **ONLY** under direct supervision of a physician because of the risk of aspiration pneumonia. Do not induce vomiting or give anything by mouth to a person who is unconscious or convulsing.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician immediately.

See Side Panels For Additional Precautionary Statements

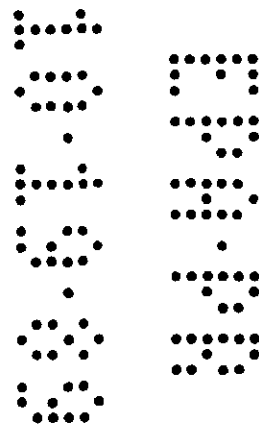
EPA Reg. No. 51036-40

EPA Est. No. 51036-GA-1

**Manufactured By
MICRO FLO COMPANY
P.O. BOX 5948
LAKELAND, FLORIDA 33807**

NET CONTENTS: _____

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.



PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals
DANGER

Fatal if swallowed or absorbed through skin. May be fatal if inhaled. May cause eye injury. Wear goggles, face shield, or safety glasses. Avoid contact with skin, eyes, or clothing. Do not breathe dust or spray. During mixing, loading, and application of this product wear unlined waterproof gloves, a pesticide mask or respirator jointly approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) for pesticide application under the provisions of 30 CFR Part 11 for protection against endosulfan, and goggles, face shield, or safety glasses. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. Wash thoroughly after handling and before smoking or eating. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Do not apply directly to water or wetlands. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, or other aquatic life are important resources. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State Fish and Game Agency before applying this product. 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.

This product is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between later evening and early morning.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Do not store at temperatures below 20 degrees F.

DIRECTIONS FOR USE

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system.

RE-ENTRY STATEMENTS

Do not enter treated areas without protective clothing for 24 hours.

Because certain states may require more restrictive reentry intervals for various crops treated with this product such as the 48 hour re-entry interval established by California, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time that field must be vacated, and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

DANGER

Area treated with Endosulfan on (date of application). Do not enter without appropriate protective clothing for 24 hours. (Insert the State Department of Agriculture re-entry date, if more restrictive. **REQUIRED PROTECTIVE CLOTHING:** A hat or other head covering, a long sleeved shirt and long legged trousers or a coverall type garment covering arms and legs, socks, and shoes.

In case of accidental exposure to spray, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled go to an area where the pesticide has not been applied. Get medical attention if needed.

NOTE TO PHYSICIAN: Endosulfan is a central nervous system stimulant absorbable by mouth, inhalation, or through contact with skin. It may cause convulsions. There is no specific antidote. Diazepam by injection is the drug of choice. Barbituric acid derivatives such as Phenobarbital may be used additional. Epinephrine derivatives are absolutely contraindicated. Solvent present aspiration hazard. Gastric lavage may be indicated if product was taken internally.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, well ventilated area.



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PESTICIDE DISPOSAL: Pesticide wastes are extremely 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 instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: 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.

ENDOSULFAN LIQUID 2 is an emulsifiable concentrate insecticide that mixes readily with water for use as spray against certain insects as directed below.

DIRECTIONS

For aerial application, apply in 3 to 10 gallons of water per acre. Apply at the following rates in sufficient water to obtain thorough, uniform plant coverage. Do not use in undiluted form. Use contrary to these directions may cause serious plant, crop or personal injury, excessive residues, unsatisfactory control or other unintended consequences.

POTATOES - Against Colorado Potato Beetle, Potato Flea Beetle, Potato Leafhopper, and Aphids - Use 1 to 2 quarts per 100 gallons of spray, but not over 2 quarts of concentrate per acre. Apply when insects appear and repeat as needed up to harvest. Do not plant root crops other than carrots, potatoes, and sweet potatoes as follow-up crops.

TOMATO, PEPPER - Against Aphids, Colorado Potato Beetle, Flea Beetle, Stink bugs, and Tomato hornworms on Tomatoes, Aphids, Flea Beetle, and Hornworms on Peppers - use 1 1/2 to 2 quarts per acre. Apply when insects first appear, repeat as needed. Do not apply within 1 day of harvest on tomatoes nor within 4 days of harvest on pepper.

EGGPLANTS - Against Aphids, Colorado Potato Beetle, Flea Beetle, and Green stink bug - Use 1 quart per acre in sufficient water for good coverage. Apply when insects first appear and repeat as needed. Do not exceed 1 quart per acre. Do not apply within 1 day of harvest.

