

65/18/2004

FORMULA GH-19

FOR SALE TO, USE AND STORAGE BY LICENSED PEST CONTROL
OPERATORS OR CERTIFIED APPLICATORS ONLY

Organophosphate

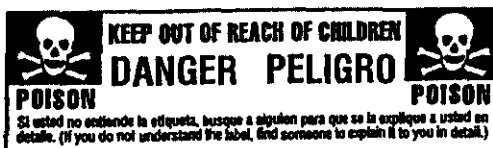
A concentrated insecticide formulation for use in GREEN-
HOUSES (non food crops) and MUSHROOM HOUSES
and to be applied only with a Dyna-Fog® applicator.

ACTIVE INGREDIENTS:

2,2 Dichlorovinyl dimethyl phosphate..... 9.8%
Related Compounds..... 0.2%
Inert ingredients..... 90.0%
TOTAL....100.00%

*Contains petroleum distillates

THIS PRODUCT CONTAINS 0.68 LBS. OF DICHLOVOX PER GALLON



First Aid Organophosphate

If swallowed	<ul style="list-style-type: none"> -Call a poison control center or doctor immediately for treatment advice. -Have person sip a glass of water if able to swallow. -Do not induce vomiting unless told to do so by a poison control center or doctor. -Do not give any liquid to the person. -Do not give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> -Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> -Move person to fresh air. -If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. -Call a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> -Hold eye open and rinse slowly and gently with water for 15-20 minutes. -Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. -Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p>Questions? 1-800-544-8990</p>	

NOTE TO PHYSICIAN

Contains petroleum distillate-vomiting may cause aspiration pneumonia.

NOTE TO PHYSICIAN-POISONING SYMPTOMS: Symptoms include weakness, headache, lightness 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. Pralidoxime chloride (2-PAM) 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 gram. Morphine is an improper treatment. 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.

Probable mucosal damage may contraindicate the use of gastric lavage.

See Side panels For Additional Precautionary Statements

E.P.A. Reg. No. 5011-49

E.P.A. Est. No. 5011-IN-1

AIRE-MATE



MANUFACTURED BY

AIRE-MATE, INC.

17335 U.S.31 NORTH, BOX 406

WESTFIELD, IN 46074-0406 USA

PHONE (317) 896-2531 • FAX (317) 896-3788

NET CONTENT: 1 GALLON

ACCEPTED

MAY 18 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 5011-49

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

Precautionary Statements:

DANGER: Fatal if swallowed, inhaled or absorbed through the skin. Causes substantial but temporary eye injury. Corrosive. Causes skin burns. Do not breathe fog or spray mist. Do not get in eyes or on skin or clothing.

Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- A. Coveralls over long-sleeved shirt and long pants.
- B. Chemical resistant gloves, such as Nitrile rubber ≥ 14 mils or Barrier laminate ≥ 14 mils or Neoprene rubber ≥ 14 mils or Viton ≥ 14 mils.
- C. Chemical-resistant footwear plus socks.
- D. Protective eyewear.
- E. Chemical-resistant headgear for overhead exposure.
- F. Chemical-resistant apron when cleaning equipment, mixing, or loading.
- G. A respirator with either an organic vapor-removing cartridge with prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrates. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or residue on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service. GH-19 is also toxic to fish, shrimp, crayfish, crabs and other aquatic invertebrates.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near open flame or heat.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. **Pesticide Storage:** Do not store with food, feed, drugs or clothing. Store securely to prevent cross contamination of other pesticides and fertilizer.

Store in original, tightly closed container. Store above 35°F. If subjected to temperatures below 32°F, move container to warm storage until reaching average room temperature and thoroughly mix before use. **Pesticide Disposal:** Pesticide wastes are toxic.

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:** 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 the smoke. Metal: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

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 a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow workers to enter into treated areas during the restricted entry interval (REI) of 24 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- A. Coveralls over long-sleeved shirt and long pants.
- B. Chemical resistant gloves, such as Nitrile rubber ≥ 14 mils or Viton ≥ 14 mils or Neoprene rubber ≥ 14 mils or Barrier laminate ≥ 14 mils.
- C. Chemical-resistant footwear plus socks.
- D. Protective eyewear.
- E. Chemical-resistant headgear for overhead exposure.

GH-19 should not be used on these varieties of Chrysanthemums: Shasta, Thelma, Almaga, Fortune, Golden Chain, Columbia, Ilihi, Starlet, Calvert's Gold, Vanguard, Silver Strand, Ilihi Cascade, Ilihi Glacier, Vedova, Valencia and Yellow Kingpin. Also, Kangaroo Vine, and the Fashionette Rose variety.

RECOMMENDATIONS: When applied as an aerosol with the Dyna-Fog® Applicator, GH-19 is recommended for the control of Red Spiders (Spider Mites), Aphids, Whiteflies, Thrips, Mealybugs and Chrysanthemum Leaf Miners on Camellias, Roses, Chrysanthemums.

PREPARATION OF THE GREENHOUSE PRIOR TO FOGGING: (1) Close all doors, windows and ventilators. (2) Lock or barricade all entrances. (3) Turn off all misting systems, fans, and sulphur pots. Be certain all blossoms and foliage are dry. (4) Room temperature should read 70° to 85°F for best insect kill. Do not make applications when temperatures are below 60°F.

All treatments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept to a minimum during application. Lock all entrances and do not allow unprotected workers to enter buildings during treatment. Place WARNING signs at all entrances stating: "THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS. THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS; OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE (e.g. a Dräger Tube) INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0.1 PPM); AN AIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT. DO NOT ENTER PRIOR TO _____ AM or PM ON (DATE) _____ WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DDVP ARE 50% OF THE PEL OR LESS.

APPLICATION DOSAGE: (1) Calculate in cubic feet the greenhouse space to be treated. For Camellias, Roses, Chrysanthemums, 1 ounce of GH-19 will treat 3,000 cu. ft. of space; 16 ounces will treat 48,000 cu. ft.; and 32 ounces will treat 96,000 cu. ft. (2) Pour into the Dyna-Fog® applicator insecticide tank, the required number of ounces of Formula GH-19 to treat the calculated space. Always allow a seven (7) day interval between treatments. Do not exceed 2 gms dichlorvos / 1000 cubic feet.

APPLICATION METHOD: (1) Open the metering valve counterclockwise on the Dyna-Fog® applicator to setting No. 3 on the dial. (2) Start the pulsating jet engine of the fog applicator and allow it to run one full minute before opening the insecticide valve. (3) Walk backward down the entire length of the center aisle swaying the machine side to side directing the fog towards ceiling and under benches. Keep the fog applicator nozzle at a minimum of 4 feet from plants. The fog applicator should never be used in a fixed position. It is to be constantly moving so as to cover the entire area as evenly as possible. Do not over-apply to the point where foliage is visibly wet. Note: for ground benches, walk backward down the center aisle directing the fog applicator nozzle at a 30° angle downward so that the fog hits the ground. Follow the AIRE-MATE® System's method of alternating with other AIRE-MATE® formulas.

DURATION OF EXPOSURE: Length of exposure time is 1 1/2 hours with ventilators and doors closed. Damage may result with longer exposure periods. **FOG APPLICATOR NOTICE:** flush the insecticide tank of the Dyna-Fog® applicator immediately after each use. Otherwise, residue from the formulation may remain in the tank and insecticide system and block the system completely, causing reduced fog output and poor insect control. Flushing immediately after using is a complete answer to the problem. To Flush: (1) Drain insecticide tank. (2) Pour at least 8 ounces of Dyna-Fog® Flushing Solution (FS-10) into the tank (Fuel Oil may be used if flushing solution is not available.) (3) Replace tank cap and rock applicator to loosen any residue. (4) Start machine (outside the greenhouse) and "fog" until tank is empty. (5) Loosen insecticide tank cap to relieve pressure. (6) Follow directions in manual for regular maintenance.

NOTICE: Seller makes no warranty other than specified on this label. The buyer agrees that the seller shall not be responsible or liable for injury to crop, soil, person or property arising from careless or improper use or handling of this product. Please use in accordance with seller's directions.

FOR MUSHROOM HOUSE USE**TO CONTROL SCIARID FLIES, PHORID FLIES AND CECID FLIES IN MUSHROOM HOUSES****Preparation of Mushroom Houses**

1. Close all windows, doors and ventilators.

All treatments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept to a minimum during application. Lock all entrances and do not allow unprotected workers to enter buildings during treatment. Place WARNING signs at all entrances stating: "THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS.

THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS; OR, UNTIL A DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE (e.g. a Dräger Tube) INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0.1 PPM); AN AIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT.

DO NOT ENTER PRIOR TO _____ AM or PM ON (DATE) _____ WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DDVP ARE 50% OF THE PEL OR LESS.

Application Method

1. Calculate the area in cubic feet of the house space to be treated.
2. Use two (2) fluid ounces of FORMULA GH-19 MUSHROOM HOUSE FOGGING INSECTICIDE per 3000 cubic feet of space. Do not exceed 2 gms dichlorvos / 1000 cubic feet.
3. Put the exact amount of insecticide needed for the calculated area into the insecticide tank of the fog generator.
4. Adjust the metering valve or orifice size in the insecticide line to produce a dry fog. Never apply a wet fog. A flow rate of 8 oz. per minute is recommended. (For the DYNA-FOG®, use the No. 4 setting from the closed position of the insecticide metering valve.)
5. Walk down the center aisle of the house, directing the fog upward. Do not aim the nozzle directly at the mushrooms on the growing beds.
6. For best results, the mushroom house should remain closed for 1 1/2 hours after fogging.

Always allow a seven (7) day interval between treatments.

IMPORTANT: 24 hours must be permitted to elapse between time of final treatment and harvesting.

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