

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Do not breathe spray mist, vapor or fog. Avoid contact with skin and clothing. Wash hands thoroughly after handling. When fogging wear a full face gas mask with pesticide canister jointly approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) for pesticide application under provision of 30 CFR Part II. Remove pets before using.

Environmental Hazards

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not contaminate water when disposing of equipment washwaters.

Physical or Chemical Hazards

Do not use or store near open flame or heat.

DIRECTIONS FOR USE

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

Use this product in food processing plants only when plant is not in operation. Foods should be removed or covered during treatment. All processing surfaces should be covered or thoroughly cleaned before using. Do not remain in treated area and ventilate after treatment is completed. Observe usual caution as should be followed with any insecticide. Remove pet birds and cover fish aquariums before spraying.

An insecticide for use in Baking Companies, Bottling Plants, Breweries, Candy Factories, Canneries, Distilleries, Flour Mills, Horse Stables, Hospital Maintenance, Kennels, Nut Processing Companies, Rice Mills, Seed Houses and Restaurants. See caution limitations. For fogging control of flies, mosquitoes and gnats and direct contact spraying control of roaches, ants, spiders, water bugs and house centipeds. Recommended for use in thermal fogging applicators and can also be applied by ULV and other power and hand operated sprayers. Fogging application indoors for control of flies, mosquitoes and gnats. After closing off all air currents, direct fog upwards at walls and ceilings so that as many insects as possible can be contacted with a direct fog. When application is made with foggers, use 1 oz. of Carmel Formula F 500 per 1000 cubic feet of space. Keep premises closed for at least 10 minutes after fogging. Sweep up and destroy all dead and dying insects. Repeat when necessary. Direct Contact Spray Application for control of roaches, ants, spiders, water bugs and house centipeds. Direct a wet spray toward infested areas, floors, cracks and crevices to hit the insects. Apply Carmel Formula F 500 with an efficient electric or other power or hand operated sprayer that will deliver a coarse spray. Thorough application should be made with repeated treatment whenever reinfestation occurs.

KILLS ADULT WHITEFLIES IN GREENHOUSES. When applied with a Fog Applicator Formula F 500 is recommended for the kill of Adult Whiteflies and nymph formation on Snapdragon, Nerve Pills and Pine Bery in a species, Cosmos varieties, Dill, Fuchsia, Poinsettia, Indiana Rubber Tree, Gardenia, English Ivy, Hibiscus, Chinese Fan Palm, Foundation Palm, Geranium, Palm, Azalea, Arum, C. Bird Paradise Flower, Crane, C. Wandering Jew, Zephyr Lily.

PREPARATION OF THE GREENHOUSES PRIOR TO FOGGING: 1. Close all windows, doors and ventilators. 2. Use a tarp to barricade all entrances, post warning signs, take precautions to prevent persons or animals from entering the area. 3. Turn off all misting systems, fans and sulphur pots. Be certain all traps are dry. 4. Room temperature should read from 50° to 55° for best insect kill.

(continued on side panel)

ACCEPTED
 JUL 10 1991
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 registered under
 EPA Reg. No. 5011-128

FORMULA F-500

A fogging and contact insecticide containing Resmethrin

ACTIVE INGREDIENTS:

- *Resmethrin 0.50%
- **Inert ingredients 99.50%
- TOTAL 100.00%
- *Cis trans isomers ratio max 30% (·) cis and min. 70% (·) trans
- **Contains petroleum distillates

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration of pneumonia hazard.
- IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.
- IF ON SKIN OR CLOTHING:** Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.
- IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

EPA Reg No 5011-128

**SEE SIDE PANEL
FOR ADDITIONAL PRECAUTIONARY
STATEMENTS**

EPA Est No 5011-IN-1

MANUFACTURED BY
 Carmel Chemical Corporation
 17303 U.S. 31 NORTH, WESTFIELD, IN 46074 317-896-2531

NET CONTENTS: 1 GALLON

APPLICATION: DOSAGE. Calculate in cubic feet the greenhouse space to be treated. One ounce of F-500 will treat 1000 cubic feet of space. Pour into the Fog Applicator in insecticide tank the required number of ounces of Formula F-500 to treat the calculated space.

APPLICATION: METHOD. Walk backward down the entire length of the center aisle of the greenhouse directing the fog under the benches, away from the machine, back and forth to blanket two benches from each side of the aisle. Keep the Fog Applicator nozzle at a minimum of four 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 overapply to the point where the 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. Repeat applications as often as necessary.

DURATION OF EXPOSURE. Length of exposure time is 1½ hours with ventilators and doors closed. After this exposure time, the house should be well ventilated—at least 1 hour—before re-entering. Damage may result with longer exposure periods.

FOG APPLICATOR NOTICE. Flush the insecticide tank of the Carmel 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 this problem.

TO FLUSH:

- 1 Drain insecticide tank. To avoid drawing tank after fogging, pour only the required amount of insecticide and use it all in the fogging operation.
- 2 Pour at least 8 ounces of Carmel Flushing Solution (FS-10) into 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 Remove chemical filter and rinse in gasoline.

After flushing the Carmel Fog Applicator, clean engine tailpipe with tailpipe brush and clean intake with special cleanout rod.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. **Pesticide Storage:** Do not use, pour, spill or store near heat or open flame. Do not store with food, feed, drugs, or clothing. Store securely. Store to prevent cross contamination of other pesticides and fertilizer. Store in original tightly closed container. Store above 35°F. **Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue 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 incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **Metal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

If subjected to temperatures below 32°F, move container to warm storage until reaching average room temperature and thoroughly mix before use.

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 the product. Please use in accordance with seller's directions.