

DIRECTIONS RECOMMENDATIONS

When applied as an aerosol with the Carmel Chemical Fog Applicator. Carmel GH-44 is recommended for the control of Red Spider (Spider Mites), Aphids, Whiteflies, Mealybugs and Thrips, on Carnations, Snapdragons, Chrysanthemums, Geraniums and Roses.

PREPARATION OF THE GREENHOUSE PRIOR TO FOGGING

(1) Close all doors, windows and ventilators. (2) Lock or barricade all entrances, post warning signs, take precautions to prevent persons and animals from entering the area. (3) Turn off all misting systems, fans and sulfur pots. Be certain all blossoms and foliage are dry. (4) Room temperature should read from 70° to 85° for best insect kill.

APPLICATION: DOSAGE

(1) Calculate in cubic feet the greenhouse space to be treated. For most greenhouse ornamentals—one (1) ounce of GH-44 will treat 3,000 cubic feet of space; sixteen (16) ounces will treat 50,000 cubic feet; and thirty-two (32) ounces will treat 100,000 cubic feet. (2) Pour into the Carmel Chemical Fog Applicator insecticide tank the required number of ounces of Formula GH-44 to treat the calculated space.

APPLICATION: METHOD

Wear a full-faced gas mask with canister type recommended by the U.S. Bureau of Mines for phosphate insecticide protection. (1) Open the metering valve on the Carmel Chemical Fog Applicator counterclockwise to the No. 4 setting on the dial. Eight (8) ounces of liquid will be fogged per minute with a mass median diameter size of five (5) microns. (2) Start the pulsating jet engine of the Carmel Chemical Fog Applicator and allow it to run for one (1) full minute before opening the insecticide valve. (3) Walk backward down the entire length of the center aisle of the greenhouse directing the fog under the benches, swaying the machine back and forth, to blanket two benches from each side of the aisle. Keep the Carmel Chemical fog Applicator nozzle at a minimum of four feet from plants. The Carmel Chemical Fog Applicator should never be 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. 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 one (1) hour—before re-entering. Damage may result with longer exposure periods.

FORMULA GH-44

EPA Reg. No. 5011-142

A concentrated insecticide formulation for use on greenhouse ornamentals and to be applied with a Carmel Fog Applicator only.

ACTIVE INGREDIENTS:

Beta-butoxy beta'-thiocyano diethyl ether	2.50%
Malathion (O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate)*	14.00%
Xylene	15.00%
Petroleum distillate	6.75%
INERT INGREDIENTS	0.75%
*From Cythion®	TOTAL 100.00%

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WARNING

KEEP OUT OF REACH OF CHILDREN

See right side panel for additional cautions.



MANUFACTURED BY
Carmel Chemical Corporation
BOX 406, WESTFIELD, INDIANA 46074

GH-44

5011-142

icide formulation for
amentals and to be
Fog Applicator only.

CARMEL

diethyl ether	2.50%
lithiophosphate (ate)*	14.00%
.	15.00%
.	67.75%
.	0.75%
TOTAL	100.00%

American Cyanamid Company

ETHICAL

NING

ACH OF CHILDREN

or additional cautions.

CHEMICALS

UFACTURED BY
Chemical Corporation
STFIELD, INDIANA 46074

CAUTION

Read entire label carefully. Use only as directed. Keep away from heat and open flame. Do not get vapor or liquid in eyes. Keep away from feed and food products. May be absorbed through the skin. If skin is contaminated, wash thoroughly with soap and warm water. Avoid inhalation of the fog. Always wear a gas mask of a type approved by the U. S. Bureau of Mines for phosphate insecticide protection. Harmful if swallowed. Do not reuse containers. In case of drums, return to drum reconditioner or destroy by perforating or crushing and burying in a safe place.

This product is toxic to fish. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

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 draining tank after fogging, pour in only required amount of insecticide and use it all in the fogging operation.)
2. Pour at least eight (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.

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

IMPORTANT STORAGE INSTRUCTIONS

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

Net Weight: 7 lbs.
Net Volume: 3 Qts. ; Pt . 9 Fl. Oz.

