

## DIRECTIONS RECOMMENDATIONS

When applied as an aerosol with the Carmel Chemical Fog Applicator, Carmel GH-19 is recommended for the control of Red Spiders (Spider Mites), Aphids, Whiteflies, Thrips, Mealybugs, and Chrysanthemum Leaf Miners on Carnations, Roses, Chrysanthemums, and on Tomatoes for the control of whitefly.

**Whiteflies on Tomatoes:** Apply when temperature is between 75°F. and 80°F. After 1½ hours exposure time, the house should be well ventilated at least 2 hours before re-entering. Do not treat tomatoes within 24 hours of harvest.

### 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° F. for best insect kill.

### APPLICATION: DOSAGE

(1) Calculate in cubic feet the greenhouse space to be treated. For Carnations, Roses, Chrysanthemums and Tomatoes — 1 ounce of GH-19 will treat 3,000 cubic feet of space; 16 ounces will treat 48,000 cubic feet; and 32 ounces will treat 96,000 cubic feet. (2) Pour into the Carmel Chemical Fog Applicator insecticide tank the required number of ounces of Formula GH-19 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 counterclockwise on the Carmel Chemical Fog Applicator Model GH-2 to setting No. 4 or on the Model GH-3 to setting No. 10 on the dial. Eight ounces of liquid will be fogged per minute with a mass median diameter size of 5 microns. (2) Start the pulsating jet engine of the Carmel Chemical Fog Applicator and allow it to run for one 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 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 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. Refer to the Carmel System—a method of alternating with other Carmel formulas as prescribed on our wall chart.

### 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.**

Net Weight: 7 lbs

Net Volume: Qtz. 1 Pint, 12 Fl. Oz.

ACCEPTED

OCT 31 1975

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

## FORMULA GH-19

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

EPA Est. No. 5011-IN-1

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

### ACTIVE INGREDIENTS:

Petroleum distillate .....	90.0%
2, 2-dichlorovinyl dimethyl phosphate ..	9.3%
Related compounds .....	0.7%
Total .....	100.00%

**DANGER-POISON**

KEEP OUT OF REACH OF CHILDREN

See antidote statement and other precautions on  
right side panel.



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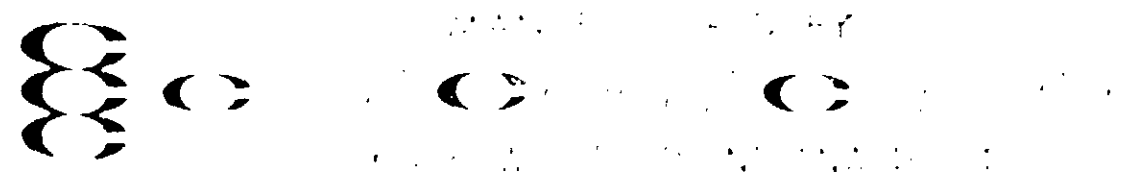
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## CARMEL

## ETHICAL

## CHEMICALS

## 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 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.

## DANGER

Antidotes: If swallowed -Give a tablespoonful of salt in a glass of warm water and repeat until vomit fluid is clear. Have victim lie down and keep quiet. Call a physician immediately! Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with Atropine.

Danger: Poisonous by skin contact, inhalation, or swallowing! Rapidly absorbed through skin! If on skin, wash immediately with soap and water. Do not get in eyes, on skin or on clothing. Avoid contact with skin at all times. In case of contact, immediately remove all contaminated clothing and flush skin or eyes with plenty of water for at least 15 minutes. For eyes, get medical attention. Do not breathe fog or spray mist. Wash thoroughly with soap and water after handling and before eating or smoking; wear clean clothing. Keep away from heat and open flame. Wear a full-face mask and canister of a type passed by the U. S. Bureau of Mines for DDVP (Vapona insecticide) protection. Keep out of reach of children.\* Avoid contact with skin at all times.

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

## 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.

## IMPORTANT STORAGE INSTRUCTIONS

1. Protect from temperature below 32°F. in winter and from warm temperatures in summer. Do not store in areas where children or pets can get to it. Do not store in areas where it can be used for other purposes.

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Insecticide,  
Fogger Act,  
Insecticide  
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**DANGER-POISON**  
**KEEP OUT OF REACH OF CHILDREN**

See antidote statement and other precautions on right side panel.

# CHEMICALS



MANUFACTURED BY

**Carmel Chemical Corporation**

BOX 406, WESTFIELD, INDIANA 46074

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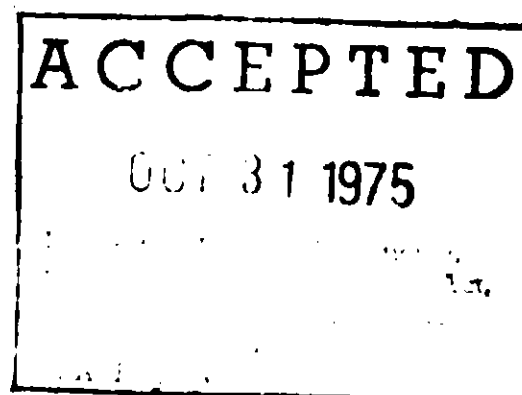
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## IMPORTANT STORAGE INSTRUCTIONS

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

Do not reuse empty containers. In case of drum return to drum reconitioner or destroy by perforating or crushing and burying in a safe place.



LEFT SIDE PANEL

FORMULA GH-19 (amend (1) under:  
Application: Dosage)  
E.P.A. Reg. No. 5011-49

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