

## DIRECTIONS

When applied as an aerosol with the Carmel Chemical Fog Applicator, Carmel GH-21 is recommended for the control of Red Spiders (Spider Mites), Whiteflies, Thrips, Mealybugs, and Chrysanthemum Leaf Miners on Carnations, Chrysanthemums, Snapdragons 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 area. (3) Turn off all misting systems. 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 most greenhouse ornamentals—1 ounce of GH-21 will treat 3,000 cubic feet of space; 16 ounces will treat 50,000 cubic feet; and 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-21 to treat the calculated space.

### APPLICATION: METHOD—

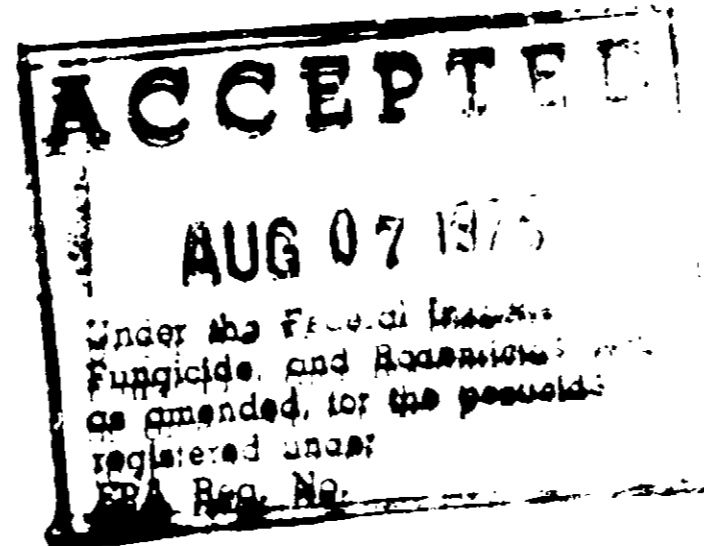
Wear a full faced gas mask with canister type recommended by the U.S. Department of Agriculture for vapour insecticide protection. (1) Open the metering valve on the Carmel Chemical Fog applicator counter-clockwise to the No. 4 setting on the dial. Eight ounces of liquid will be fogged per minute with a mass median diameter 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 operating 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. 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 Formulations 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.

### 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.



## FORMULA GH-21

EPA Reg. No. 5011-132

EPA Est. No. 5011-N-1

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

**CARMEL**

### ACTIVE INGREDIENTS:

1, 1-bis (p-chlorophenyl) 2, 2, 2-trichloroethanol*	10.00
2, 2-dichloroethyl dimethyl phosphorothioate*	7.44
Ferated compounds**	.56
Beta-butyl beta-thiocyanate diethyl ether	2.30
Tetrahydrocannabinol	79.50
<b>Total</b>	<b>100.00</b>

**ETHICAL**

\*Right side panel for editorial comments and editorial statement.

\*\*and applications on greenhouse ornamentals must be applied by Experienced or Trained personnel only.

**CHEMICALS**

# FORMULA GH-21

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

## ACTIVE INGREDIENTS:

1,1-bis (p-chlorophenyl) 2,2,2-trichloroethanol*	10.00%
2,2-dichloroethyl dimethyl phosphate**	7.44%
Related compounds**	56%
Ethyl butoxy beta-thiocyclo diethyl ether	2.50%
Hexachlorocyclopentadiene distillate	79.50%
<b>Total</b>	<b>100.00%</b>

\*Kathon

\*\*Solutia

# CARMEL

# ETHICAL

# CHEMICALS

See right side panel for additional warnings and anti-ditch statement.

For safe applications on greenhouse ornamentals must be applied by Experienced or Trained personnel only.

## 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 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, brush and clean intake with special cleanout rod.

## DANGER

Read entire label carefully. Use only as directed. Keep out of reach of children. 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. Poisonous if swallowed, inhaled, or absorbed through skin. If skin is contaminated, wash thoroughly with soap and warm water. Avoid inhalation of the fog. Rapidly absorbed through skin or eyes. Wear natural rubber gloves, protective clothing and goggles. Always wear a gas mask of a type recommended by the U.S. Bureau of Mines for Vapona insecticide protection. Harmful if swallowed.

In case of spillage, wash thoroughly with soap and warm water.

**CONTAINER DISPOSAL:** Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies. Containers should be disposed of by punching holes in them and burying them with wastes, or by burning. (Keep out of smoke).

GH-21 should not be used on these varieties of chrysanthemums: Shasta, Thelma, Almaga, Fortune, Golden Chain, Columbia, Illini Starlet, Calvert's Gold, Vanguard, Silver Strand, Illini Cascade, Illini Glacier, 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.

## ANTIDOTES

**Internal:** If swallowed, give a teaspoonful of salt in a glass of warm water and repeat until vomit fluid clear. Have victim lie down and keep quiet. Call a physician immediately.

**External:** If the material has been spilled on the skin, immediately remove patient from the vicinity of the insecticide, remove all contaminated clothing, and wash skin with soap and running water.

**Note to Physician:** Atropine is antidotal.

2-PAM is also antidotal and may be administered in conjunction with atropine.

## NOTICE

Seller makes no warranty other than specified on this label. The buyer agrees that the seller shall not be responsible for injury to crops, soil, person or property arising from use of this product.

## FORMULA GH-21

EPA Reg. No. 5011-132  
EPA Est. No. 5011-IN-1

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### ACTIVE INGREDIENTS:

1, 1-bis (p-chlorophenyl)-2,2,2-trichloroethanol*	10.00%
2,2-dichlorovinyl dimethyl phosphate**	7.44%
Related compounds**	.56%
Beta-butoxy beta'-thiocyano diethyl ether	2.50%
Petroleum distillate	79.50%
Total 100.00%	

\*Kelthane  
\*\*Vapona

## DANGER - POISON

### KEEP OUT OF REACH OF CHILDREN

See right side panel for additional warnings and antidote statement.

Fogging applications on greenhouse ornamentals must be applied by experienced or trained personnel only.

# CARMEL

# ETHICAL



# CHEMICALS

MANUFACTURED BY

 Carmel Chemical Corporation  
BOX 196, WESTFIELD, INDIANA 46074

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### NOTICE

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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.