

ACCEPTED  
4-7-67  
5011-64  
UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
REGISTERED UNDER F.D.C. NO. 5011-64  
EPA REG. NO. 5011-64  
10 ATTACHED COMMENTS

Formula GH-40  
(USDA Reg. No. 5011-64)

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

ACTIVE INGREDIENTS:

Cupric 8-quinolinolate	2.00%
Dinitro (1-methylheptyl) phenyl crotonate	0.78%
Dinitro (1-methylheptyl) phenol & related compounds	0.22%

INERT INGREDIENTS:

97.00%

TOTAL

100.00%

CAUTION

KEEP OUT OF REACH OF CHILDREN

See right side of panel for additional cautions.

DIRECTIONS

Recommendations

When applied as an aerosol with the Carmel Chemical Fog Applicator Carmel GH-40 Fungicide is recommended for the control of <sup>1</sup> Powdery Mildew on Roses and <sup>2</sup> Chrysanthemums, Botrytis on Chrysanthemums, and <sup>3</sup> Alternaria on Carnations.

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APR 7 1967

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER F.D.C. NO. 5011-64 SUBJECT  
TO ATTACHED COMMENTS.

Front  
Panel

For controlling Powdery Mildew, Botrytis and Alternaria, follow a protective schedule at 10-day intervals, beginning before disease occurs.

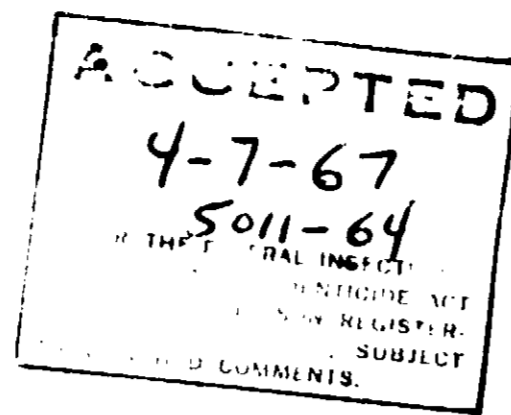
If severe infections exist, repeated applications are necessary. For controlling Powdery Mildew, Botrytis and Alternaria, make three applications of Carmel GH-40 Fungicide at 72-hour intervals, followed by a regular preventative program of 7 to 10 day intervals.

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. Be certain all blossoms and foliage are dry.
- (4) Room temperature should read from 70° to 85° F.

APPLICATION: DOSAGE

- (1) Calculate in cubic feet the greenhouse space to be treated. For roses and Chrysanthemums in greenhouses, 1 ounce of GH-40 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-40 to treat the calculated space.



CAUTION

Always wear a full-faced gas mask with Willson G3FD canister, or the U. S. Department of Agriculture equivalent for protection. Avoid inhalation of the fog. Do not get vapor or liquid on skin. Do not get vapor or liquid on eyes. In case of spillage on the skin, wash with soap and water. Avoid pouring, spraying, or storing near flame or fire. Keep out of reach of children. HARMFUL IF SWALLOWED. This product will kill fish. Keep out of lakes, streams and ponds.

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 Contents: 35 Pounds

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APPLICATION: METHOD

Wear a full-faced gas mask with Willson B3FD canister of the U. S. Department of Agriculture equivalent for protection for Chlorinated 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 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 over the plants, 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 machine 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: Where bench Chrysanthemums, Roses, and Carnations are of such height where it is difficult to fog over the plants without wetting the foliage, then direct the fogging operation under the benches. Sway the machine back and forth, occasionally pointing the Carmel Chemical Fog applicator nozzle upward where possible. Repeat when necessary.

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Leave the applicator nozzle open for one full minute before closing. After use, the applicator should be flushed with water and ventilated -- (1) Turn the metering valve to the No. 4 setting with the engine off.

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 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.