



**COMPANY
NUMBER**

5011

**PRODUCT
SERIAL NO.**

65

**LABEL
APPROVAL
DATE**

1-31-90

PM 15 5011-65

FRONT PANEL 6 1/2 x 5 1/4

1/30/90

FORMULA GH-27

log²

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

ACTIVE INGREDIENTS:

DIAZINON [O, O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate] 10.00%

INERTS

90.00%

TOTAL 100.00%

CONTAINS PETROLEUM DISTILLATE

EPA REG. NO. 5011-65

EPA EST NO 5011-IN-1

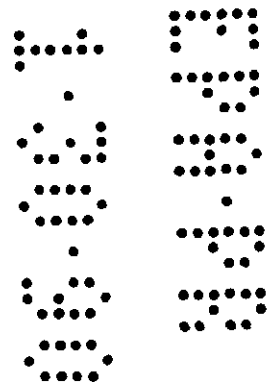
CAUTION
KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT: If swallowed, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. If inhaled, seek medical attention. If on skin, remove contaminated clothing and wash with soap and water for at least 15 minutes. If in eyes, flush with water for at least 15 minutes. Get medical attention.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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MANUFACTURED BY
CARMEL CHEMICAL CORPORATION
17303 US 31 NORTH
WESTFIELD, IN 46074



NET CONTENTS

BATCH NO

Not Reviewed. Registrant claims to be in accordance with registration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.

1 35

PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

CAUTION

Antidote: If swallowed, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. Have victim lie down and keep quiet. Call a physician immediately! Atropine is antidote! 2-PAM is also antidote and may be administered in conjunction with Atropine. Caution: 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 respirator of a type passed by the U.S. Bureau of Mines for (SDP) (vapors/insecticide) protection. Keep out of reach of children. Avoid contact with skin at all times.

DIRECTIONS FOR USE

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

RECOMMENDATIONS: When applied as an aerosol with the Carmel Chemical Fog Applicator, Carmel GH-27 is recommended for the control of Aphids, Red Spiders (Spider Mites), Cyclamen Mites, Thrips and Whiteflies on Carnations, Chrysanthemums 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. Be certain all blossoms and foliage are dry. (4) Room temperature should read from 70° to 85°F for best insect kill.

APPLICATION: QUANTITY

(1) Calculate in cubic feet the greenhouse space to be treated. For most greenhouse ornamentals—1 ounce of GH-27 will treat 3,000 cu. ft. of space, 16 ounces will treat 50,000 cu. ft., and 32 ounces will treat 100,000 cu. ft. (2) Pour into the Carmel Chemical fog applicator insecticide tank the required number of ounces of Formula GH-27 to treat the calculated space.

APPLICATION: METHOD

Wear a full-faced gas mask with Wilson G3FD canister for protection. (1) Open the metering valve on the fog applicator counterclockwise 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 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 fog applicator nozzle at a minimum of 4 ft. from plants. The 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 formulas as prescribed in 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.

FOR 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. (7) After flushing the fog applicator, clean engine tankpipe with wallpaper 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 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 rinseate 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 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.

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