

JUN 17 2 40 PM '88

Mr. Tommy Westerman
The State Chemical Manufacturing Company
3100 Hamilton Avenue
Cleveland, OH 44114

Dear Mr. Westerman:


Subject: Formula 64-A Vaporcide
EPA Registration No. 1685-83
Your Application Dated February 20, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you do the following:

1. Add the statement "Food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse" to the PRECAUTIONARY STATEMENTS portion of the label.
2. If you have not done so already, submit a revised Confidential Statement of Formula (CSF) indicating certified limits as requested in our letter to you dated November 13, 1987. A copy of the updated CSF form is enclosed for your convenience.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosures

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CONCURRENCES

| | | | | | | | |
|---------|--|--|--|--|--|--|--|
| SYMBOL | | | | | | | |
| SURNAME | | | | | | | |
| DATE | | | | | | | |

2062

ACCEPTED
with COMMENTS
in EPA Letter P-101

JUN 28 1989

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

1685-83

BEST AVAILABLE COPY

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Remove fish, birds, and other pets from area to be sprayed. Avoid breathing spray mist. Cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, contact a physician immediately. Do not induce vomiting unless instructed to do so by a physician since aspiration of the product is a potential hazard. In case of contact, immediately flush skin and eyes with plenty of water and call a physician.

PHYSICAL OR CHEMICAL HAZARDS

Extinguish open flame before space spraying. This formulation is combustible. **DO NOT USE POUR SPILL OR STORE NEAR HEAT OR OPEN FLAME.** Do not spray on turf or plants.

DIRECTION FOR USE GENERAL CLASSIFICATION

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

STORAGE AND DISPOSAL

STORAGE: Store this product only in its original container and place in a locked storage area out of the reach of children. Do not use, pour, spill, or store near heat, sparks, or open flame. Keep container closed when not in use.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

55, 35, 20 and 7 gallon drums: 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.

1 pint and 1 gallon cans: Do not reuse empty container. Wrap container and put in trash.

For use in hotels, motels, boarding areas of institutions, packaging and processing plants, seed houses and horse stables.

In hospitals patients should be removed prior to treatment. In horse stables, not for application if horses are to be used for food.

In food areas: Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before reuse. When using the product in these areas apply only when the facility is not in operation.

State FORMULA 64 A
VAPORCIDE BRAND

A Synthetic Pyrethroid for controlling the following flying and crawling insects: Houseflies, Mosquitoes, Gnats, Roaches, Ants, Earwigs, Spiders, Grain Insects, adults of Confused Flour Beetles, Saw Toothed Grain Beetles, Shiny Spider Beetles, Grain Mites, Sowbugs and Centipedes.

ACTIVE INGREDIENT:

| | |
|--|----------------|
| • 1-(5-Benzyl-3-Aryl) methyl 2,2-dimethyl-3-(2-methylpropenyl) Cyclopropanecarboxylate | 0.250% w/w |
| Related compounds | 0.034% |
| INERT INGREDIENTS: | 99.716% |
| | 100.000% |

This product contains petroleum distillates.

• Cis/trans isomers ratio: max 30% (cis and min 70% trans)
1 U.S. Patent No. 3,465,007

**KEEP OUT OF REACH
OF CHILDREN
CAUTION**
SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

EPA Reg. No. 1685-83
EPA Est. No. 1685-OH-1/CA-1
Manufactured By:

The **State** CHEMICAL MANUFACTURING CO.
To order call 1-800 STA CHEM

0001

SPACE SPRAY: To kill flies, mosquitoes and gnats. Close room or area to be treated. Shut off air conditioner and ventilator system. Seal all open vents. Remove fish and pets. Apply undiluted as a very fine mist spray through manually operated equipment or with electrical and other powered applicators. Avoid standing by holding the spray nozzle at least five feet from objects. Direct the fine spray mist toward the upper corners of the room. Fill the room with a fine mist space spray at the rate of 5 fluid ounces per 5,000 cubic feet. Leave room closed for one half hour. Ventilate thoroughly before re-entry. Sweep up and destroy fallen insects.

CONTACT SPRAYS: To kill roaches, fleas, ants, crickets, silverfish earwigs, grain mites, sowbugs, spiders, centipedes and millipedes. Adjust spray to produce large wetting type spray particles. Direct spray to contact these insects in cracks and crevices in floors, baseboards, around pipes, behind cabinets and other harborage. Spray these infested areas until thoroughly wet. Repeat as necessary.

TO KILL BEDBUGS: Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. First thoroughly clean and air mattresses and springs. Then spray treat only the areas that may harbor bedbugs. Concentrate on tufts, folds and seams. Repeat as necessary for persistent infestations. Consult a professional applicator.

TO KILL WASPS, HORNETS AND YELLOW JACKETS: Application should be made in late evening when insects are at rest. Spray liberally in hiding and breeding places contacting as many insects as possible. Repeat as often as necessary.

THERMAL APPLICATION: This formulation is to be used undiluted in only such a portable thermal applicator equipment that can deliver spray at fine sizes within the aerosol size range.

For the control of flies, mosquitoes and gnats in nonfood areas of warehouses, restaurants and industrial institutions. Remove or cover exposed food and food handling surfaces. Remove animals and plant life. Shut off ventilating systems, air ducts, air conditioning equipment and close off room or area to be treated.

Extinguish all flames and pilot lights. Apply as a dry fog at the rate of 1 1/3 fluid ounces per 1,000 cubic feet of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one-half hour. Do not remain in treated areas. Ventilate.

OUTDOORS: To control nuisance pests around buildings, patios and paved areas. Apply as a contact spray. Spray directly on insects. Avoid spraying turf or plants.

Directions for killing ANTS, FLEAS, WASPS, HORNETS, YELLOW JACKETS, EARWIGS, SAWBUGS, SPIDERS, CENTIPEDES, AND MILLIPEDES are the same as directed for flies and gnats.

To control nuisance flying and crawling insects around premises spray thoroughly around doors and window frames and similar areas of entry. Also thoroughly spray garbage and refuse areas, especially around poultry houses, barns and similar areas of heavy infestation. Do not spray on turf or plants.

**NET CONTENTS: One U.S. Pint
(16 OZ.) (473 MLS)**