

70799-5

08/27/2004

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

AUG 27 2004

Julee E. Kasprisin  
State Industrial Products  
3100 Hamilton Avenue  
Cleveland, OH 44114

Dear Ms. Kasprisin:

Subject: Formula 64A Vaporcide Brand  
EPA Reg. No. 70799-5  
Submission dated 8/12/04

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

In the Directions for use in hospitals, add the following:  
Ventilate rooms for two hours before returning patients.

If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

A handwritten signature in cursive script that reads "Ann Sibold".

*for* Richard Gebken  
Acting Product Manager 10  
Insecticide Branch  
Registration Division (7505C)

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



FORMULA 64A

# 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:**

\* § Resmethrin ..... 0.25% w/w

**OTHER INGREDIENTS:** ..... 99.75%

*This product contains petroleum distillates* ..... 100.00%

\* Cis/trans isomers ratio: max. 30% (±) cis and min. 70% (±) trans.

§ U.S. Patent No. 3,465,007

EPA Reg. No. 70799-5

EPA Est. No. 70799-OH-1

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**  
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS



State Chemical  
3100 Hamilton Avenue,  
Cleveland, OH 44114  
To Order CALL: 1-800-782-2436  
www.statechemical.com  
State Chemical is a Division of State Industrial Products

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**ACCEPTED  
with COMMENTS**  
In EPA Letter Dated:  
**AUG 27 2004**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
70799-5

Net Contents:

Questions about pesticides? Call 1-800-858-7378  
To order call 1-800-782-2436 • FAX: (216) 931-7717

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2/4

**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.

**FIRST AID**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If swallowed:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Note to Physician:** Contains Petroleum Distillate - vomiting may cause aspiration pneumonia.

**PHYSICAL OR CHEMICAL HAZARDS**

Combustible. Extinguish open flame before space spraying. DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Do not spray on turf or plants.

**ENVIRONMENTAL HAZARDS**

This pesticide is highly toxic to fish. Do not apply to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to the discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Do not contaminate water when disposing of equipment washwaters.

**STORAGE AND DISPOSAL**

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

**CONTAINER DISPOSAL:**

Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burning stay out of smoke.

## DIRECTIONS FOR USE

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

### INDOORS:

**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 pots. Apply undiluted as a very fine mist spray through manually operated equipment or with electrical and other powered applicators. Avoid staining 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 harborages. 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 spot treat only the areas that may harbor bedbugs, concentrating on turfs, 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 into hiding and breeding places contacting as many insects as possible. Repeat as often as necessary.

**THERMAL APPLICATIONS** – This formulation is to be used undiluted in only such portable thermal applicator equipment that can deliver spray particle sizes within the aerosol size range.

For the control of flies, mosquitoes and gnats in nonfood areas of warehouses, and industrial institutions. 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, HORNETS, YELLOW JACKETS, EARWIGS, SOWBUGS, SPIDERS, CENTIPEDES, and MILLIPEDES** are the same as directed for indoor use.

To control named 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.

For use in hotels, motels, nonfood 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 intended for slaughter.

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