



United States Environmental Protection Agency Washington, DC 20460

Registration [] Amendment [X] Other []

OPP Identifier Number 271001

Application for Pesticide - Section I

1. Company/Product Number 432-1050 4816-514
2. EPA Product Manager M. Johnston
3. Proposed Classification [] None [] Restricted
4. Company/Product (Name) Pyrenone 25-5 Public Health Insecticide PM# 10
5. Name and Address of Applicant Aventis Environmental Science
6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name

Section - II

Amendment - Explain below. []
Resubmission in response to Agency letter dated []
Notification - Explain below. [X]
Final printed labels in response to Agency letter dated []
"Me Too" Application. []
Other - Explain below. []
NOTIFICATION MAR 24 2000

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Addition of pounds/gallon active ingredient to label

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container, 3. Location of Net Contents Information, 4. Size(s) Retail Container, 5. Location of Label Directions, 6. Manner in Which Label is Affixed to Product

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name: Joseph A. Conti, Title: Director, Regulatory Affairs, Telephone No.: 201-307-3366
Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
2. Signature: [Handwritten Signature], 3. Title: Director, Regulatory Affairs, 4. Typed Name: Joseph A. Conti, 5. Date: March 10, 2000, 6. Date Application Received (Stamped)



Pyrenone 25-5 Public Health Insecticide

For use by trained personnel only.

To be applied only by or under the supervision of pest control operators, mosquito abatement districts, public health organizations and other trained personnel responsible for insect control programs.

For indoor or outdoor application as a space, area or contact spray. Dependent upon pests to be controlled and the area to be treated, may be applied through mechanical aerosol generators (ULV), or thermal fogging equipment as well as conventional fogging or spraying equipment.

May be used over all crops

The active ingredients are exempt from tolerances when applied to growing crops [see 40 CFR § 180.1001(b)]

ACTIVE INGREDIENTS:

◆ Pyrethrins	5.0%
* ▲ Piperonyl Butoxide, Technical	25.0%
† OTHER INGREDIENTS:	70.0%
	100.0%

* Equivalent to 20% (butylcarbitol)(6-propylpiperonyl) ether and 5% related compounds.
† Contains Petroleum Distillate.

◆ Contains 0.367 pounds of Pyrethrins per gallon.
▲ Contains 1.83 pounds of Piperonyl Butoxide per gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE REAR PANEL FOR FIRST AID AND
ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 432-1050

EPA Est. No. 10370-TX-1

Net Contents:

03/00

115125

AVENTIS ENVIRONMENTAL SCIENCE USA, INC.

In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-471-0660.

For Product Information Call Toll-Free:
1-800-331-2867

FIRST AID

IF SWALLOWED: Call a doctor or get medical attention. Do not give anything by mouth to an unconscious person. Avoid alcohol.

IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals CAUTION

Harmful if swallowed or inhaled. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Remove pets, birds and cover fish aquaria before spraying.

Do not apply as a space spray while food processing is underway. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Foods should be removed or covered before treatments. In food processing areas, all surfaces must be washed with a suitable detergent and rinsed in potable water after spraying.

When using in animal quarters, do not apply directly to food, water or food supplements. Wash teats of dairy animals before milking.

Environmental Hazards

This product is toxic to fish. For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as

specified on this label.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions 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 by other approved State and local procedures.

CONTAINERS ONE GALLON AND SMALLER: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

SPACE AND/OR CONTACT USE AREAS:

Homes	Poultry Houses
Horse Barns	Schools
Hotels	Supermarkets
Industrial Installations	Swine Houses
Motels	Truck Trailers
Office Buildings	Wineries

OUTDOOR USE AREAS:

Corrals	Golf courses
Recreational areas	Drive-in Restaurants
Municipalities	Residences
Drive-in Theaters	Parks Swine Yards
Feedlots	Playgrounds
Vineyards	Zoos

Pyrenone[®] 25-5 Public Health Insecticide is effective in the control of the indicated insects if the applicator follows directions for use.

All Common Diptera

Deer Flies	Lice
Fruit Flies	Mosquitoes
Gnats	Small Flying Moths
Horn Flies	Stable Flies
Horse Flies	Wasps
House Flies	

NOTIFICATION

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INDOOR USE AS A SPACE SPRAY, DILUTED:

The use of this product in food processing or food handling establishments (hotels, industrial installations, schools, supermarkets) should be confined to time periods when the plants or facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned with a suitable detergent and rinsed with potable water before using.

For use in conventional mechanical fogging equipment, to kill Flies, Fruit Flies, Mosquitoes, and Gnats. Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Dilute 1 part of Pyrenone® 25-5 plus 49 parts of oil or suitable solvent and mix well. Apply at the rate of 1-2 fl. oz. per 1000 cu. ft. filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

SURFACE SPRAY:

As an aid in the control of *Mosquitoes*, *Gnats* and *Wasps*. Treat walls, ceilings, moldings, screens, door and window frames, light cords and similar resting places.

ANIMAL QUARTER USE:

(cattle barns, horse barns, poultry houses, swine houses, zoos): As a space spray diluted for use in conventional mechanical fogging equipment to kill *Flies*, *Mosquitoes*, *Small Flying Moths* and *Gnats*. Dilute 1 part of Pyrenone® 25-5 Public Health Insecticide plus 49 parts oil or suitable solvent and mix well. Apply at a rate of 2 fl. oz. per 1,000 cu. ft. of space above the animals. Direct spray towards the upper portions of the enclosure. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

TEMPORARY REDUCTION OF ANNOYANCE

From *Flies*, *Mosquitoes* and *Small Flying Moths* outdoors. The directions for outdoor application noted below will afford temporary reduction of annoyance from these pests in public theaters, golf courses, municipalities, parks, playgrounds and recreational areas. Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary.

In additional outdoor areas (corrals, feedlots, swine lots and zoos), cover water, drinking fountains and animal feed before use. Treat area with mist, directing application into tall grass, shrubbery and around lawns where these pests

may hover or rest. Apply while air is still. Avoid wetting foliage. In zoos, avoid exposure of reptiles to the product. Repeat as necessary.

FOR USE ON ANIMALS:

To protect beef and dairy cattle and horses from *Horn Flies*, *House Flies*, *Mosquitoes* and *Gnats*, dilute 1 part of Pyrenone® 25-5 plus 49 parts oil or suitable solvent, mix well and apply a light mist sufficient to wet the tips of the hair. To control *Stable Flies*, *Horse Flies* and *Deer Flies* on beef and dairy cattle and horses, apply 2oz. per adult animal, sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection.

USE IN MOSQUITO CONTROL

Pyrenone 25-5 Public Health Insecticide may be used for mosquito control programs involving residential, industrial, recreational and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes occur. Pyrenone 25-5 Public Health Insecticide may be used over agricultural crops because the ingredients are exempt from tolerances when applied to growing crops. For best results, apply when meteorological conditions create a temperature inversion and wind speed does not exceed 10 miles per hour. The application should be made so the wind will carry the insecticidal fog into the area being treated. Treatment may be repeated as necessary to achieve the desired level of control.

When used in cold aerosol generators that produce a fog with the majority of droplets in the 10-25 micron VMD range, Pyrenone 25-5 Public Health Insecticide should be diluted with mineral oil or suitable solvent (specific gravity of approximately 0.8 at 60°F; boiling point: 500-840°F). An N.F. grade oil is preferred.

GROUND APPLICATION: To control adult mosquitoes and all common diptera, apply up to 0.0025 pounds of pyrethrins per acre (use a 300 foot swath width for acreage calculations).

Truck-Mounted ULV Application: The delivery rate and truck speed may be varied as long as the application rate does not exceed 0.0025 pounds of pyrethrins per acre (use a 300 foot swath width for acreage calculations).

Backpack Spray Application: Dilute 1 part Pyrenone 25-5 Public Health Insecticide with 10 parts oil or suitable solvent and apply at the rate of 7 ounces per acre (based on a 50 foot swath, 7 ounces should be applied while walking 870 feet).

AERIAL APPLICATION (FIXED WING AND HELICOPTER): To control adult mosquitoes and biting flies, apply up to

0.0025 pounds of pyrethrins per acre with equipment designed and operated to produce a ULV spray application.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Aventis Environmental Science's control, it is impossible for Aventis Environmental Science to eliminate all risks associated with the use of this product. All such risks shall be assumed by the user or buyer.

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