

PM17

34797-80

105

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NUMBER 34797-80	DATE OF ISSUANCE FEB 1 1989
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT Resmethrin Liquid Insecticide Spray 0.5%		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

[Faint address text] 160 / 197,065
 [Faint address text] 18

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

1. This product is conditionally registered in accordance with the provisions of FIFRA (7)(E) and you:

1. Submit to the Agency a receipt for registration/reregistration of your product under FIFRA section 7(e)(5) when the Agency requires all registrants of similar products to submit such data.

2. The storage stability study cited is unacceptable. Submit or cite a storage stability study that has been run for 12 months at ambient temperature. Storage should be done in similar containers you will be using in the trade. It is recommended that sampling be done every three months.

3. Add the statement "Food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse after treatment." after the statement "Avoid contact with food, cooking utensils and food preparation surfaces." in the label under the Use and Precautions section.

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *Sap 2 & 3*

DATE: *2/1/89*

BEST AVAILABLE COPY

4. Replace your first aid statement with the following Statement of Practical Treatment.

STATEMENT OF PRACTICAL TREATMENT

- 1. Inhalation: Do not induce vomiting. Call physician or Poison Control Center immediately.
 - 2. Ingestion: Do not induce vomiting.
 - 3. Skin Contact: Remove contaminated clothing and wash affected area with soap and water. Wash contaminated clothing separately from other laundry. Get medical attention if irritation persists.
 - 4. Eye Contact: Flush eyes with plenty of water. Get medical attention if irritation persists.
- Note to Physicians: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

5. Add the statement "For Containers Over One Gallon: Store in original container in an area inaccessible to children." to the Storage section of the Storage and Disposal block.

6. Revise the statements in the Pesticide Disposal section of the Storage and Disposal block to read "Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility."

7. Replace the statement "In hospitals, patients should be removed prior to treatment." to "In hospitals, patients should be removed from room prior to treatment. Room should be ventilated for two hours after spraying. Do not return patients to room until after ventilation."

8. Replace the statement "All food processing surfaces should be covered during treatment or thoroughly cleaned before using." with "Food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse after treatment."

CONCURRENCES

SYMBOL	1577C						
SURNAME	[Signature]						
DATE	12/13/81						

PM17

34797-80

3 of 5

9. Under the "Contact Spray" heading in the Directions for Use section delete the phrase "and other harborages," and add the statement "Do not use this product in or on electrical equipment due to shock hazard." The electrical statement is needed because your data matrix does not give a dielectrical breakdown voltage.

10. Comply with the requirements of the Resmethrin Registration Standard.

11. Submit in (1) six printed labels.

If these conditions are not complied with after the registration is issued, the registration will be subject to cancellation in accordance with section (e) of the Act.

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

Sincerely,

Phil Hutton

Phil Hutton
Product Manager (17)
Insecticide Potentials Branch
Registration Division (25-7670)

Enclosure

BEST AVAILABLE COPY

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

A SYNTHETIC PYRETHROID FOR CONTROLLING THE FOLLOWING FLYING AND CRAWLING INSECTS:
House Flies, Mosquitoes, Gnats, Flying Moths (Millers), Fruit Flies, Vinegar Flies, Wasps, Hornets, Yellow Jackets, Cockroaches,
Waterbugs, Fleas, Ticks, Ants, Crickets, Silverfish, Earwigs, Spiders, Grain Insects (Adults of confused flour beetles,
Saw-toothed grain beetles, Shiny Spider beetles, Grain weevils, Angoumois grain moths, Mediterranean flour moths,
Indian meal moths, Grain mites), Carpet beetles, Snubugs, Centipedes, Millipedes, Bedbugs and Lice.

ACTIVE INGREDIENTS:
*Resmethrin [5-(phenylmethyl)-3-furanyl
methyl 2,2-dimethyl-3-(2-methyl-1-pro-
penyl)cyclopropanecarboxylate... 0.500%w/w
INERT INGREDIENTS**..... 99.50%
100.00%w/w

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

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

EPA Est. : 34797-1A-03

EPA Reg. No. : 34797-

NET CONTENTS: 1 Gallon

MFG. BY: Qualis, Inc.
Des Moines, IA 50321

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
CAUTION
Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing mist. Cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces. Remove pets and cover fish aquariums before spraying.
FIRST AID
In case of contact, immediately flush skin and eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
ENVIRONMENTAL HAZARDS: Do not spray on turf or plants.
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.

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.
STORAGE: If this material has been exposed to temperatures below 32°F(0°C), there may be precipitation. Check for crystallization. If evident, warm to 80°F(26.5°C) and thoroughly mix before using. DO NOT USE NEAR OPEN FLAME. For Containers One Gallon and Under: Store product in original container in a locked storage area.
PESTICIDE DISPOSAL: For Containers Over One Gallon: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: For Containers One Gallon and Under: Do not reuse empty container. Wrap container and put in trash. For Containers Over One Gallon: 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.

Directions for use continued on reverse side

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 1 1969

Under the Federal Insecticide,
Fungicide and Rodenticide Act,
as amended, this product is
registered under EPA Reg. No.

34797-80

DIRECTIONS FOR USE (Continued)

EPA Reg. No. 34797-

FOR USE INDOORS AND OUTSIDE PREMISES OF HOTELS, MOTELS, HOMES, FOOD HANDLING ESTABLISHMENTS, PACKAGING AND PROCESSING PLANTS, SEED HOUSES, COMMERCIAL, INDUSTRIAL, OFFICE, INSTITUTIONAL AND STORAGE BUILDINGS, MILK HANDLING AREAS OF MILK PLANTS, MILK STORAGE ROOMS, EGG PROCESSING PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING PLANTS, CANNERIES, FLOUR AND FEED MILLS, BAKERIES, GOATS, SHIP CABINS AND HOSPITALS. IN HOSPITALS, PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT. ALSO FOR USE IN BUSES, AUTOMOBILES, TRUCKS, BOXCARS AND SHIP CARGO HOLDS. ALSO FOR USE IN DOG KENNELS AND HORSE STABLES. IN HORSE STABLES, NOT FOR APPLICATION IF HORSES WILL BE USED FOR FOOD.

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

INDOORS

Space Spray: To kill house flies, mosquitoes, gnats, flying moths (millers), fruit flies, vinegar flies. Close room or area to be treated. Shut off air conditioner and ventilator systems. Seal all open vents. Remove fish and pets. Apply undiluted as a very fine mist space 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 3 fluid ounces per 1,000 cubic feet. Leave room closed for one-half hour. Ventilate thoroughly before re entry. Sweep up and destroy insects.

Contact Spray: To kill cockroaches, fleas, waterbugs, crickets, silverfish, earwigs, sowbugs, carpet beetles, centipedes, millipedes. Adjust spray to produce large wetting type spray particles. Direct spray to contact 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 SPIDERS: Spray direct on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

TO KILL ANTS: Spray doors, around window frames, ant trails and hills.

TO KILL BEDBUGS AND LICE: 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 areas that may harbor pests, concentrating on tufts, folds, and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

TO KILL FLEAS AND TICKS: Spray directly on insects as well as floors, floor coverings, baseboards, cracks and crevices, infested furniture and animal resting areas. Hold spray nozzle about 18 inches from areas to be treated. Apply spray until area is moist. Treat pet bedding the same way. Also spray entire inside surface of dog houses. Repeat as necessary. Do not allow pets to contact treated areas until spray has dried. Remove or cover animal feed before spraying. Also, treat dogs, cats and horses with a registered flea-control product before they re-enter the treated area (such as Dionne Flea & Tick Spray, EPA Reg. No. 34797-2-5.1).

TO KILL GRAIN INSECTS: Adults of confused flour beetles, saw-toothed grain beetles, shiny spider beetles, grain weevils, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, grain mites. Remove infested grain, cereal or flour and destroy. Avoid contamination of other food and foodstuffs in the areas by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain insects may be hiding. In homes, dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed so as to contact all pests, and covered with shelf paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before using. Repeat as necessary.

TO KILL WASPS, HORNETS, 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 necessary.

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.

ANTS AND FLEAS: Same as directed for indoor use.

WASPS, HORNETS, YELLOW JACKETS: Same as directed for indoor use. Aim spray at nest openings in bushes, under eaves, chimneys, cracks and crevices to saturation in and around nest openings. Contact as many insects as possible.

EARWIGS, SOWBUGS, SPIDERS, CENTIPEDES AND MILLIPEDES: Apply as a contact spray, as for indoor use. To control named flying and crawling insects around premises, spray thoroughly around doors, 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.

THERMAL APPLICATIONS: This formulation such portable thermal spray particle sizes will

THERMAL APPLICATIONS IN flies, mosquitoes and industrial institutions food handling surfaces. Shut off ventilating equipment and close off apply while food processing. Extinguish all flames at the rate of 1-1/3 ft space. Direct nozzle at corners of the room and for at least one-half hour. Ventilate the area after

THERMAL APPLICATIONS OF from house flies, mosquitoes around swimming pools, and horse stables, and thermal applicator at especially plants and foliage. Apply undiluted acre. Fog only when the velocity is less than generally at dusk when temperature and ground temperature Under these conditions area for a longer time treated area. Avoid re-entry the treated area until application as necessary

Our recommendations for tests believed to be being beyond the contact expressed or implied, the results to be obtained directions or established assume all responsibility resulting from its use other materials.

BEST AVAILABLE COPY