

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20480

EPA REGISTRATION  
46579-12

DATE OF ISSUANCE

JUN 15 1989

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

[Faint, illegible text for registrant name and address]

160 | 228506  
18 | 1

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.

[Faint, illegible text]

1. [Faint, illegible text]

2. [Faint, illegible text]

- a. [Faint, illegible text]
- b. [Faint, illegible text]

[Faint, illegible text]

3. Before [Faint, illegible text]

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL  
*See P. 2*

DATE  
6/15/89

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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



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

Enclosures



RESMETHRIN ULV 3

MULTI-PURPOSE SPRAY

FOR INDOOR USE IN ULV, MECHANICAL MISTING SPRAYERS, PUMP SPRAYERS, OR THERMAL FOGGERS / Authorized by USDA for use in edible product areas of official establishments operating under the Meat, Poultry, Shell Egg Grading and Egg Prod For HOMES, STORES, INSTITUTIONS, RESTAURANTS, FOOD PROCESSING PLANTS, WAREHOUSES, INDUSTRIAL INSTALLATIONS, AND

ACTIVE INGREDIENTS:

\*Resmethrin[5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate

3.00%

\*\*INERT INGREDIENTS:

97.00%

100.00%

\*\*Contains Petroleum Distillate

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

\*Roussel Bio's SBP 1382 brand of resmethrin insecticide

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you)

KEEP OUT OF REACH OF CHILDREN CAUTION SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT

In restaurants and food handling establishments while those facilities are in operation, for surface spray and crack and crevice treatment only. This method is not authorized by USDA for use as noted above

MANUFACTURED BY:

Dickson Chemical Co., Inc.

STUTTGART, ARKANSAS 72160

EPA REG NO 46579-

EPA EST. 46579-AK-1

BEST AVAILABLE COPY

NET CONTENTS'

GALLONS

PRECAUTIONARY STATEMENT HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin and eyes. Wear protective clothing, mask or respirator of type recommended by NIOSH (National Institute for Occupational Safety and Health) to give adequate protection against this material. Wash exposed skin with soap and water after handling and before eating, drinking, or using the toilet. Wash clothing with soap and water, separately from other clothing. Do not apply directly to food or feedstuffs. When space spraying in food processing facilities, cover or remove any food and food processing equipment. Do not use space spray while food processing is underway. After space spraying in food processing plants, wash all equipment, benches, shelves, and floors thoroughly with an effective cleaning compound. In homes, all food processing surfaces and utensils should be thoroughly washed before use. Remove pets, and cover fish tanks.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. This product contains petroleum solvents. Aspiration may be fatal. IF IN EYES: Flush with plenty of water. Get medical attention. IF ON SKIN: Flush with plenty of water. Get medical attention.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Do not apply directly to water. Do not use near open water. Extinguish open flame before space spraying. DO NOT USE NEAR HEAT OR OPEN FLAME.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. For Containers One Gallon and Under: Store product in original container. For Containers Over One Gallon: Store product in original container. PESTICIDE DISPOSAL: For Containers Over One Gallon: This product may be disposed of on site or at an approved waste treatment facility. CONTAINER DISPOSAL: For containers one gallon and under: Wrap container and put in trash. For containers over one gallon: Triple rinse (or equivalent) and then recycle, if possible, or puncture and dispose of in a sanitary landfill, or approved by State and Local authorities.

**BEST AVAILABLE COPY**

**DIRECTIONS FOR USE (Continued)**

This concentrate is designed for use in ULV sprayers such as the LECO Mini ULV or Micro-Gen which gives particles of aerosol size. It can also be diluted with oils which meet Food Additive Regulation (21 CFR 172.884),

It can also be diluted with oil as specified and applied as a contact spray with mechanical misting equipment or pump sprayers. Before application, remove plants and animals from area to be treated. Remove horses before spraying stables.

In horse stables: Not for application if horses will be used for food. It is advisable to cover delicate furnishings when using this undiluted product.

**FOR USE IN ULV MECHANICAL AEROSOL GENERATORS SUCH AS THE LECO MINI ULV OR MICRO-GEN:** Apply undiluted at the rate of 0.5 fl. oz. of concentrate per 1,000 cu. ft. of space. Direct output from aerosol generator upward toward upper corners of room and ceiling. Extinguish all flames in the area to be treated. Shut off all air conditioning or ventilating equipment. Vacate room before application, leave closed for one - two hours after spraying. Ventilate room thoroughly before re-entry.

**SPACE SPRAY:** To kill adult and accessible stages of insect pests of stored foods: grain weevils, flour beetles, saw-toothed grain beetles, cigarette beetles, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, grain mites, carpet beetles and spider beetles. Direct output into corners, under pallets, hitting as many insects as possible, and then treat as a space spray upward toward upper corners of room and ceiling. *MAY ALSO BE APPLIED AT THE 0.25% DILUTION (SEE DILUTING INSTRUCTIONS) APPLY AT 1700 GALS PER 1000 CU. FT.*

**TO KILL HOUSE FLIES, MOSQUITOES, GNATS AND SMALL FLYING MOTHS:** Treat as a space spray, directing output towards upper corners of room and ceiling.

**CONTACT SPRAY**

Applications may be made in restaurants and all other food handling establishments while the facility is in operation taking extreme care not to contaminate food or food handling surfaces. Use the 0.25% or 0.50% spray dilution (see diluting instructions) for the following contact applications.

**TO KILL COCKROACHES, SILVERFISH, EARWIGS, ANTS, SPIDERS, FLEAS, CRICKETS, GENTIPEDES, SOWBUGS, MILLIPEDES, CARPET BEETLES:** Apply as a coarse wet spray on walls, floors and other surfaces of bins and storage handling areas, unloading and processing areas being careful to treat cracks and crevices in these places as well as beneath sinks, inside conveying, processing and handling equipment, and around the bases of heavy machinery equipment.

**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.

**TO KILL FLEAS:** Hold spray nozzle about 18 inches from areas to be treated. Direct spray on resting areas and floor around these areas. 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 registered flea control product before they re-enter treated areas.

**TO KILL WASPS AND HORNETS:** Contact application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places, contacting as many insects as possible. Repeat as necessary.

**DILUTING INSTRUCTIONS:** Dilute to 0.5% by adding 1 PART of the 3.0% concentrate to 5 PARTS of petroleum distillate. Dilute to 0.25% by adding 1 PART of the 3.0% concentrate to 11 PARTS of petroleum distillate. Dilute to 0.20%

by adding 1 PART of the 3.0% concentrate to 14 PARTS of petroleum distillate. Dilute to 0.10% by adding 1 PART of the 3.0% concentrate to 29 PARTS of petroleum distillate. For most effective results against flying insects, operate spraying dispenser adjusted to deliver a brush mist. For flying insects, use either 0.10%, 0.25% or 0.50%.

**TO KILL HOUSE FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, and SMALL FLYING MOTHS:** Close all doors and windows. Point nozzle upward, direct spray mist to all parts of the room, especially windows and other light sources which attract these insects. Fill the room with mist, then leave the treated area. Keep the room closed for at least one hour. Ventilate the room before re-entry. Repeat as necessary.

**TO KILL CRAWLING INSECTS:** Adjust spray to produce large wetting type spray particles and use either 0.25% or 0.50% dilution in mechanical misting or pump sprayer.

**TO KILL COCKROACHES, EARWIGS, BRAIN MITES, SOWBUGS, SPIDERS, SILVERFISH, CRICKETS, FLEAS, CENTIPEDES AND BRAIN INSECTS:** (Adult and accessible stages of confused flour beetles, red flour beetles, saw-toothed grain beetles, shiny spider beetles, carpet beetles, grain weevils, Angoumois grain moths, Indian meal moths, cigarette beetles). Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborage. Spray directly on insects where possible. Repeat as necessary.

**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 these pests, concentrating on tufts, folds, and seams. Repeat as necessary.

**TO KILL FLEAS:** Hold spray nozzle about 18 inches from areas to be treated. Direct spray on resting areas and floor around these areas. 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 pet 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 treated areas.

**TO KILL WASPS AND HORNETS:** Contact application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places, contacting as many insects as possible. Repeat as necessary.

**TO KILL ANTS:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

**THERMAL APPLICATIONS INDOORS:** Use 0.25% or 0.50% for the control of house flies, mosquitoes and gnats in warehouses, restaurants and industrial institutions. Shut off ventilating systems, air ducts, air conditioning equipment and close off room or areas to be treated. Extinguish all flames and pilot lights. Apply as a dry fog at the rate of 1-1/3 fl. oz. per 1,000 cu. ft. 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 hour. Do not remain in treated areas. Ventilate the area before re-entry.

**WARRANTY STATEMENT**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

*[Handwritten mark]*