

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

46579-10

8/7/90

TERM OF ISSUANCE

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

NAME OF PESTICIDE PRODUCT

Permethrin ULV Multipurpose  
Spray

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Dickson Chemical Company, Inc.  
2110 South Prairie  
Stuttgart, AR 72160

228584

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.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- Add the phrase "EPA Registration No. 46579-10."
- Since your data matrix does not give a dielectric breakdown voltage, you must add the following to the use directions:

Do not use this product in or on electrical  
equipment due to the possibility of shock  
hazard.

3. 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.

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

See p. 2

DATE

8/7/90

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6'-1). 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

3074

DICED

RESMETHRIN ULV 3-9  
MULTIPURPOSE SPRAY

**BEST AVAILABLE COPY**

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 Product  
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 Uclaf's SBP-1382 brand of resmethrin insecticide

**PRECAUCION AL CONSUMIDOR:** Si usted no lee ingles, no use este producto hasta que la etiqueta le hayr 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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Aug 7, 1971

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

MANUFACTURED BY  
DUPONT CHEMICAL COMPANY  
WILMINGTON, DELAWARE 19880

NET CONTENTS:

GALLONS

**PRECAUTIONARY STATEMENT  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin. Wear protective clothing. Avoid contact with eyes. Wash face, hands, and exposed skin with soap and water after handling and before eating, drinking, or using the toilet. Wash clothing separately from other clothing. Do not apply directly to food or feedstuffs. When space spraying facilities, cover or remove any food and food processing equipment. Do not space spray while food processing is underway. After space spraying, wash all equipment, benches, shelves, and other surfaces thoroughly with an effective cleaning compound. In the home, 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. Do not induce vomiting. If product contains petroleum solvents, aspiration may be a hazard.  
**IF IN EYES:** Flush with plenty of water. Get medical attention.  
**IF ON SKIN:** Flush with plenty of water. Get medical attention.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water.  
**PHYSICAL OR CHEMICAL HAZARDS:**  
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 its labeling.

**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: Wrap container in plastic or other suitable material. Product may be disposed of on site or at an approved waste disposal site.  
**CONTAINER DISPOSAL:** For containers one gallon and under: Triple rinse container and put in trash. For containers over one gallon: Triple rinse (or equivalent) and then puncture or otherwise render the container unusable. Recycle where available. Do not burn. Do not reuse. Do not use for any other purpose. Do not use for any other purpose. Do not use for any other purpose.

**BEST AVAILABLE COPY**

(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 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. ozs. 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, Medierranean 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.

**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 direction (see diluting instructions) for the following contact applications.

**TO KILL COCKROACHES, SILVERFISH, EARWIGS, ANTS, SPIDERS, FLEAS, CRICKETS, CENTIPEDES, 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 1.5% by adding 1 part concentrate to 64 parts distilled water. Dilute to 0.5% by adding 1 part concentrate to 200 parts distilled water. Dilute to 0.25% by adding 1 part concentrate to 400 parts distilled water. Dilute to 0.1% by adding 1 part concentrate to 1,000 parts distilled water.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS DILUTE TO 1.5% BY ADDING 1 PART CONCENTRATE TO 64 PARTS DISTILLED WATER AND USE EQUIPMENT DESIGNED AND ADJUSTED TO DELIVER A FINE AEROSOL MIST. USE AT THE RATE OF 1.5 FL. OZS. PER CU. FT. OF SPACE. EXTINGUISH ALL FLAMES BEFORE ANY TREATMENT. VACATE AREA TO BE TREATED, LEAVE CLOSED FOR ONE TO TWO HOURS AFTER SPRAYING. VENTILATE AREA THOROUGHLY BEFORE RE-ENTRY. SEE SPACE SPRAY FOR FURTHER INSTRUCTIONS. DO NOT CONTACT SPRAY USE THE 0.25% DILUTION.

BEFORE USING THIS PRODUCT AND PACKAGING MATERIALS MUST BE COVERED. AFTER USE, EQUIPMENT AND UTENSILS MUST BE THOROUGHLY RINSED WITH WATER. AFTER BEING DRY, OPERATIONS MAY BE RESUMED. USE AS A SPACE SPRAY ONLY WHEN PLANTS ARE IN OPERATION.

**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% dilutions in mechanical misting or pump sprayer.

**TO KILL COCKROACHES, EARWIGS, GRAIN MITES, SOWBUGS, SPIDERS, SILVERFISH, CRICKETS, FLEAS, CENTIPEDES AND GRAIN INSECTS:** (Adult and accessible stages of controlled 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 harborages. 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 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 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 0.20% 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. ozs. 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.