

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEB 10

FEB 12 1968

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Mr. Carl Schroeder
Research Triangle Institute
1205 E. 14th St.
Durham, N.C. 27709

Dear Mr. Schroeder:

Subject: Contacta-18 25
EPA Registration No. 2-40-007
Your letters dated June 23, 1967 and June 29, 1967

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is hereby approved that you:

1. You submit all necessary data for reregistration/re-registration of your product under FIFRA section 3(c)(7)(A) when the Agency requires all registrants of similar products to submit such data.
2. You are hereby ordered to label your product you release the product for shipment bearing the amended labeling:
 - Under "Directions" contact spray, insert "load handling or serving," between "contaminates" and "surfaces."
3. Submit a revised Confidential Statement of Formula showing the upper limit of solvent content at less than 100%. According to our calculation, the maximum amount of solvent that may be present while meeting the lower content limits for Resmethrin are the following: 1.675%.

BEST AVAILABLE COPY

52360:1:CR-44:Schroeder:C.Disk:01/24/90:ka:vo:dd:ka

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

4. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,



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

Enclosure

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact a physician or poison control center. Do not induce vomiting unless directed by a physician since aspiration of this product is a potential hazard.

IN EYES: In case of contact, immediately flush eyes with plenty of water. Get medical attention if irritation persists.

ON SKIN: Wash with soap and water immediately. Get medical attention if irritation persists. Contains petroleum distillate.

ENVIRONMENTAL HAZARDS

Do not spray on turf or plants. This product is toxic to fish. Do not apply directly to water.

PHYSICAL AND CHEMICAL HAZARDS

Extinguish open flame before space spraying. This formulation is combustible. **DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.** FLASH POINT MINIMUM 150°F (65.5°C).

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL.

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store product in original container in a locked storage area.
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 by other procedures approved by state and local authorities.

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 in the preceding sentence.

DIRECTIONS FOR USE (Continued on right panel)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

FEB 12 1990

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

2548-64

MAX / *KILL*

Contacta-Cide

Contains 0.015 pounds of SBP-1382* per gallon or 1.8 gra

**A SYNTHETIC PYRETHROID FOR CONTROLLING
THE FOLLOWING FLYING AND CRAWLING INSECTS:**
House Flies, Mosquitoes, Gnats, Flying Moths,
Flies, Vinegar Flies, Wasps, Hornets, Yellow
Cockroaches, Waterbugs, Bedbugs, Fleas,
Silverfish, Earwigs, Spiders, Grain Insects (A
Flour Beetles, Saw-Toothed Grain Beetles,
Beetles, Cigarette Beetles, Grain Weevils,
Moths, Mediterranean Flour Moths, Indian Meal
Mites), Carpet Beetles, Sowbugs, Centipedes.
Authorized by USDA for use in edible production
establishments operating under the Meat, Poultry,
Grading and Egg Products Inspection Act.

ACTIVE INGREDIENTS:

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

** INERT INGREDIENTS:

** Contains Petroleum Distillate
* Cis/trans isomers ratio: max 30% cis and min 70% (±) trans
* Roussel Bio's SBP 1382* brand of resmethrin insecticide
Roussel Bio Corp., 400 Sylvan Avenue, Englewood Cliffs, N.J. 07632
* Registered trademark of Roussel Bio

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

EPA Reg. No. 2548-64

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MANUFACTURED BY

Research Products

Division of McSharas, Inc.
SALINA, KANSAS 67401

DIRECTIONS FOR USE (Continued)

FOR USE INDOORS AND OUTSIDE PREMISES OF HOTELS, HOMES, MOTELS, 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, BOATS, SHIP CABINS, AND HOSPITALS. IN HOSPITALS, REMOVE PATIENTS PRIOR TO TREATMENT. VENTILATE ROOMS FOR TWO HOURS BEFORE RETURNING PATIENTS. 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.

Only contact applications may be made when the food processing plant is in operation. When using this product as a space spray in these areas, apply only when the facility is not in operation. When space spraying, foods should be removed or covered during treatment. After space spraying in food processing plants, thoroughly wash all equipment, benches, shelving, etc. where exposed food will be handled with an effective cleaning compound and rinse with potable water.

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 system. Seal all open vents. Remove fish and pets. Apply undiluted as a very fine mist space spray through manually operated equipment or with electrical, other powered applicators or mechanical misting equipment such as the Microsol or Challenger machines. 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 spray at the rate of 5 fl oz per 5,000 cu ft (148 ml per 142m³). Leave room closed for one hour. Ventilate thoroughly before re-entry. Sweep up and destroy insects.

CONTACT SPRAY: For treatment of all the following pests, applications may be made in restaurants and all food handling establishments while the facility is in operation taking extreme care not to contaminate surfaces.

TO KILL COCKROACHES, SILVERFISH, EARWIGS, ANTS, WATERBUGS, SPIDERS, FLIES, CRICKETS, CENTIPEDES, SOWBUGS, MILLIPEDES, CARPET BEETLES: Apply as a coarse wet spray on walls, floors, 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 SPIDERS: Spray directly 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: 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 (46 cm) 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 SBP-1382[®] Insecticide Aqueous Pressurized Spray 0.25% for direct application to dogs and cats - EPA Reg. No. 432-452).

TO KILL GRAIN INSECTS: Adults of confused flour beetles, saw-toothed grain beetles, shiny spider beetles, grain weevils, cigarette beetles, 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 nesting 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.

TO KILL FLEAS: 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 (46 cm) 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 SBP-1382[®] Insecticide Aqueous Pressurized Spray 0.25% for direct application to dogs and cats - EPA 432-452).

TO KILL ANTS: Apply as a contact spray, as for indoor use

TO KILL WASPS, HORNETS, YELLOW JACKETS: 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. 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. Repeat as necessary.

TO KILL 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 doors, windows frames and similar areas, especially around poultry houses, barns, and similar areas of heavy infestation. Do not spray on turf or plants.

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.

THERMAL APPLICATIONS INDOORS: For the control of house flies, mosquitoes, and gnats in warehouses, restaurants and industrial institutions. Remove or cover exposed food and food handling surfaces. Remove animals and plant life. Shut off ventilating systems, air ducts, air-conditioning equipment, and close off room or area to be treated. Do not spray while food processing plant is occupied or in operation. Extinguish all flames and pilot lights. Apply as a dry fog at the rate of 1 fl oz per 1,000 cu ft (29.6 ml per 28.3m³) of space. Direct nozzle of thermal applicator toward upper corners of the room and along the ceiling. Close off room for at least one hour. Do not remain in the treated areas. Ventilate thoroughly before re-entry.

THERMAL APPLICATIONS OUTDOORS: For reduction in annoyance from house flies, mosquitoes and gnats in yards, patios, and around swimming pools, picnic areas, camp sites, drive-ins, and horse stables, and other small area applications.

Hold thermal applicator at least 5 ft (1.5 m) from any object especially plants and shrubbery. Avoid wetting any plant foliage. Apply undiluted at the rate of 3-3/4 gal per acre (35 liters per hectare). Fog only when there is no breeze, or the wind velocity is less than 3 mph (5 kph). The ideal time is generally at dusk when wind dies down and the air temperature and ground temperature are approximately the same. Under these conditions the fog will linger in the treated area for a longer time. Apply fog while moving away from the treated area. Avoid inhalation of the fog. Do not enter the treated area until the fog has dissipated. Repeat application as necessary.

WARRANTY STATEMENT

Our recommendations for the 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.