

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 122F4-31	DATE OF ISSUANCE APR - 5 1990
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT P417 12264 31 1224	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

160 / 228 144
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.

1. On the label, delete the words "Registered" and "Reregistered" and the words "EPA Registration No. 122F4-31."
2. On the label, delete the words "Specimen Label" and the word "EPA."
3. Submit five (5) copies of your final revised label to the Administrator to be placed on file for the product. Refer to the "Labeling" section for a further description of the label requirements.

BEST AVAILABLE COPY

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>PHL [Signature]</i> See p. 2	DATE 4/5/90
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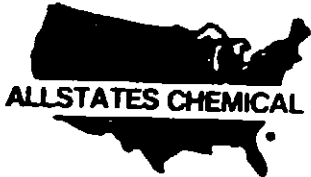
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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



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

Enclosures



RELIEF INSECTICIDE

DILUTABLE CONCENTRATE

Contains 0.18 lb/gal of Pyrethrins (21.6 g/L) and 1.82 lb/gal of Piperonyl Butoxide (21.6 g/L) FOR CONTROL OF HOUSE FLIES, MOSQUITOES, GNATS (MIDGES), WASPS, AND SMALL FLYING MOTHS (MILLER FLIES), ANTS, SILVERFISH, CRICKETS, FLEAS, EARWIGS, CENTIPEDES, SOWBUGS (PILLBUGS), BOXELDER FLIES, DEER FLIES, STABLE FLIES, HORSE FLIES, SUCKING AND BITING LICE, TICKS, SHEEP KEDS, BED BUGS

Authorized by USDA For Use In Edible Product Areas of Official Establishments Operating Under The Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Program.

ACTIVE INGREDIENTS:

Pyrethrins	2.25%w/w
*Piperonyl Butoxide, Technical	22.50%
INERT INGREDIENTS:	75.25%
	100.00%w/w

*Equivalent to 18.0% (butylcarbitol)(6-propylpiperonyl) ether and 4.5% related compounds.
**U.S. Patent No. 3,883,078.

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que le expliquen la etiqueta en su idioma. (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
WARNING**
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS AND
STATEMENT OF PRACTICAL TREATMENT

EPA REG. NO. 12264-1
EPA EST. NO. 12264-Tx-1
NET CONTENTS: _____ GALLONS

ALLSTATES CHEMICAL CORPORATION
P.O. Box 619
Katy, Texas 77492-0619

ACCEPTED with COMMENTS
in EPA Letter Dated: _____
Manufactured by: _____
- 5 1990

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

12264-31

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
WARNING**
WARNING: Harmful if swallowed or absorbed through skin. Causes eye injury. Do not get in eyes. Avoid contact with soap and water after handling. Release contaminated clothing. Do not apply directly to food or feedstuffs. In commercial establishments, remove any food or food processing equipment during application while food processing is underway. After space application, 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 aquariums. **STATEMENT OF PRACTICAL TREATMENT**
IF SWALLOWED: Call a physician or Poison Control Center. This product contains petroleum solvent. Aspiration may be fatal. **IF IN EYES:** Flush with plenty of water. Get medical attention. **IF ON SKIN:** Wash with plenty of soap and water. Get medical attention. **ENVIRONMENTAL HAZARD:** This product is toxic to fish. Do not apply directly to water bodies or to cleaning of equipment or disposal of wastes. **PHYSICAL AND CHEMICAL PROPERTIES:** Flammable; Do not use or store near heat, or open flames. Flashpoint minimum of 60°F (15.5°C).

DIRECTIONS FOR USE: Follow the label instructions. It is a violation of Federal law to use this product in a manner inconsistent with the label.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. This material may stratify upon standing, so mix before each use. Do not expose to temperatures below 40°F (4.5°C), allow to stand until thoroughly mixed before using. **DO NOT USE OPEN FLAME.** **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal or reuse is a violation of Federal law. If there is a spill, according to label instructions contact your State Pesticide Control Agency or the Hazardous Waste representative at the nearest EPA office. **CONTAINER DISPOSAL:** For Containers 1 Gallon and Under: Triple rinse, reclean, and reuse. For Containers Over 1 Gallon: Triple rinse (or equivalent) and then allow to dry completely before reuse. For Containers Over 1 Gallon: Triple rinse (or equivalent) and then allow to dry completely before reuse. For Containers Over 1 Gallon: Triple rinse (or equivalent) and then allow to dry completely before reuse. For Containers Over 1 Gallon: Triple rinse (or equivalent) and then allow to dry completely before reuse. For Containers Over 1 Gallon: Triple rinse (or equivalent) and then allow to dry completely before reuse.

DIRECTIONS FOR USE (Continued)

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EPA Reg. No. 12264-

INDOORS: For use in hotels, motels, homes, preschools, apartment buildings, commercial, office, institutional and storage buildings, recreational buildings, packaging and processing plants, 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, patients should be removed prior to treatment. Also for use in campers, mobile homes, buses, automobiles, trucks, boxcars and ship cargo holds. Also for use in barns, stables, kennels, poultry houses, and other animal quarters. When spraying in animal quarters, **DO NOT SPRAY FOOD OR FEED ITEMS.**

GENERAL INFORMATION

Mix this product with water as shown in the **SPRAY DILUTION CHART**. Use the 0.15 + 1.5 spray to quickly reduce heavy infestations of flying and crawling insects and the 0.1 + 1.0 spray to control light infestations of flying and crawling insects and for maintenance purposes. For animal treatment, use the 0.1 + 1.0 spray against flying insects, and the 0.01 + 0.1 dilution to control lice, fleas, ticks and sheep keds. Poultry should only be treated with the 0.01 + 0.1 dilution.

NOTE: THIS MATERIAL MAY STRATIFY UPON STANDING, EVEN AT ROOM TEMPERATURE. THOROUGHLY MIX BEFORE EACH USE. DO NOT EXPOSE TO TEMPERATURES BELOW 40°F (4.5°C). IF EXPOSED TO TEMPERATURES BELOW 40°F (4.5°C), ALLOW TO STAND UNTIL PRODUCT REACHES ROOM TEMPERATURE AND THOROUGHLY MIX BEFORE USING. DO NOT USE OPEN FLAME. DO NOT EXPOSE THE SPRAY MIXTURE TO TEMPERATURES BELOW 32°F (0°C).

SPRAY DILUTION CHART				
Amount of Spray Mixture Desired		Amount of Product Required to Achieve Desired Dilution		
Gallons	Liters	0.15 + 1.5	0.1 + 1.0	0.01 + 0.1
1	3.79	8-2/3 oz (246 ml)	6 fl oz (177 ml)	2/3 fl oz (59 ml)
3	11.37	4/5 qt (0.76 L)	17-1/3 fl oz (513 ml)	2 fl oz (59 ml)
5	18.95	1-1/3 qt (1.24 L)	1 qt (0.95 L)	3 fl oz (90 ml)
10	37.90	2-2/3 qt (2.53 L)	1-4/5 qt (1.73 L)	6 fl oz (177 ml)

NOTE: 1 fluid ounce = 2 tablespoons = 6 teaspoons = 29.574 ml
DO NOT APPLY THIS PRODUCT IN CONDUITS, MOTOR HOUSINGS, JUNCTION AND SWITCH BOXES OR OTHER ELECTRICAL EQUIPMENT BECAUSE OF POSSIBLE SHOCK HAZARD. DO NOT USE ON SURFACES THAT CAN BE HARMED OR STAINED BY WATER.

NOTE TO PEST CONTROL OPERATORS: One gallon (3.79 L) of spray is sufficient to treat 1500 linear feet (457 meters) with a 6 inch (15.2 cm) spray band.

Space Spray: To control House Flies, Mosquitoes, Gnats (Midges), Wasps, and Small Flying Moths (Millers): Close all doors, windows and ventilators. Adjust spray equipment to deliver a fine mist and direct the nozzle upward and outward in all directions. Fill the room with mist at the rate of 0.5 to 1 ounce of spray for each 1,000 cu ft (28.3 cu m) of space. Keep the area closed for 15 minutes, then thoroughly ventilate before entering the treated area.

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 Control Bed Bugs and Mites in Poultry Houses: Apply as a crack and crevice and spot treatment with a coarse spray to areas where the bed bugs and mites hide, such as cracks in walls and floor, crevices, roost poles and nests.

Contact Spray: To kill cockroaches (waterbugs), fleas, earwigs, centipedes, sowbugs (pillbugs), boxelder bugs, ants, silverfish and crickets: 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. Hit as many insects directly as possible. Apply the spray to the point of run-off. Repeat as necessary.

PESTS OUT-OF-DOORS: DO NOT TREAT OR ALLOW THE SPRAY TO CONTACT PLANTS (lawns, flowering plants, shrubs, trees, evergreens, etc.) BECAUSE OF POSSIBLE INJURY.

HOUSE FLIES, MOSQUITOES, GNATS, FLYING MOTHS (MILLERS), AND WASPS OUTDOORS: For outdoor use as an aid in reducing annoyance from these insects in municipalities, zoos, parks, playgrounds, stadiums, open-air theaters, recreational areas, dump areas, manure and compost piles. Treat the area with 1.5 gallons per acre (14 L/ha). Spray garbage cans, outhouses, barbecue pits, compost and manure piles, and other breeding areas until surfaces are thoroughly wet. Spray outside surfaces of tents, lean-tos, and shelters in camping areas, the outside of barns, dairies, kennels, creameries, food processing plants, and

institutions until surfaces are thoroughly wet, paying particular attention to screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around outdoor light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

ANIMAL TREATMENT: To kill and repel House Flies, Horn Flies, Face Flies, Deer Flies, Stable Flies and Horse Flies on Dairy and Beef Cattle, Horses, Dogs, Hogs, Sheep and Goats: Apply the 0.1% + 1.0% dilution as a coarse particle spray at the rate of 1 ounce per large animal on a daily basis. Apply sufficiently to wet the hair but not to soak the hide. If longer kill or repellency is desired, use up to 1-2 quarts (0.95 to 1.89 L) applied to all parts of an animal the size of a mature cow. This latter treatment will protect for 3-8 days from stable flies, horn flies, face flies, and house flies, and offers up to 3 days protection from horse flies and deer flies. Avoid spraying in eyes. Repeat as necessary. An animal made nervous from the sound or feel of the spray can be treated by applying the material with a sponge. Applicator should wear protective clothing and gloves for sponging.

For Control of Sucking and Biting Lice, Fleas, Ticks and Sheep Keds on Dairy and Beef Cattle, Horses, Dogs, Hogs, Sheep and Goats. Use the 0.01% + 0.1% dilution as a dip or a spray. If used as a spray, make sure the animal hair is thoroughly wet including the head and tail. Repeat the treatment in ten days to kill newly hatched insects.

For Biting Lice, Fleas, Ticks, Bedbugs, and Mites on Poultry: Use the 0.01% + 0.1% dilution to treat the birds by dipping them in the solution while holding the wings away from the body to insure thorough coverage. To avoid chilling of the poultry, dip on a warm day, or in a warm building. Applicator should wear protective clothing and gloves.

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.