

PRATT-GABRIEL DIVISION

REPLY TO PRATT GABRIEL DIV  
MILLER CHEM & FERT CORP  
15 CLINTON PLACE  
HACKENSACK NJ 07601  
201 342 3933



# EC 2 RESMETHRIN INSECT SPRAY

For Professional Use

A synthetic pyrethroid for controlling the following flying & crawling insects in and around households, greenhouses, buildings, vehicles, boats, kennels & stables:

**HOUSEHOLD PESTS**

- Houseflies
- Mosquitoes
- Gnat
- Fruit Flies
- Wasps
- Hornets
- Yellow Jackets
- Bees
- Cockroaches
- Bedbugs
- Fleas
- Ants
- Waterbugs

- Crickets
- Grasshoppers
- Silverfish
- Earwigs
- Spiders
- Confused Flour Beetles (adult)
- Sawtoothed Grain Beetles (adult)
- Shiny Spider Beetles (adult)
- Grain Mites
- Sowbugs
- Centipedes
- Milipedes

**PLANT PESTS**

- Aphids
- Fungus Gnats
- Gypsy Moths
- Japanese Beetles
- Leafhoppers
- Plant Bugs
- Spittlebugs
- Thrips
- Tussock Moth
- Citrus Blackfly
- Cutworms
- Flea Beetles
- Whiteflies
- Waterbugs
- Whiteflies
- Whiteflies
- Mites
- Scabies
- Budworms
- Sawflies
- Weevils
- Tent Caterpillars
- Armyworms
- Slugs

**ACTIVE INGREDIENTS**

	BY WEIGHT
*+ Resmethrin ((5-(Phenylmethyl)-3-furanyl) methyl 2,2-dimethyl-2-(2-methyl-1-propenyl) cyclopropanecarboxylate	24.30%
Related compounds	3.30%
Aromatic petroleum hydrocarbons	66.40%
<b>INERT INGREDIENTS</b>	6.00%
<b>TOTAL</b>	100.00%

\*Cis-Trans isomers ratio, max. 30% (+) cis and min. 70% (+) trans  
+U.S. Patent Numbers 3,465,007 and 3,542,928  
°Penick's SBP-1382(R) brand of resmethrin insecticide  
Penick Corp., 1050 Wall Street West, Lyndhurst, NJ 07071

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See side panel for additional precautionary statements.

MANUFACTURED FOR Pratt-Gabriel Division  
Miller Chemical & Fertilizer Corp  
Hanover, PA 17331

EPA Reg. No. 904-414 EPA Est. 72-PA-1  
NET CONTENTS GALLONS

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
CAUTION**

Avoid contact with eyes, nose, mouth, and skin. Avoid breathing spray mist.  
IF IT GETS IN YOUR EYES, Flush immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists.  
If it gets on your skin, Wash immediately and thoroughly with plenty of water. If irritation persists, get medical attention.  
All food processing surfaces should be covered during treatment or thoroughly cleaned before using. When using this product in these areas, apply only when the facility is not in operation.

**PHYSICAL OR CHEMICAL HAZARDS**

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Keep container closed and store at temperatures above 40°F. Flash point minimum 150°F.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wash.

**DIRECTIONS FOR USE**

READ AND OBEY ALL OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

**STORAGE AND DISPOSAL**

Do not store below 40°F. If exposed to temperatures below 40°F, warm to 80°F and mix well before using. Do not store near heat or open flame. Do not reuse empty container. Wrap container and put in trash collection.

FOR USE INDOORS AND OUTSIDE PREMISES OF HOTELS, MOTELS, HOMES, PRESCHOOLS, NURSERIES, DAY CAMPS, GREENHOUSES, LATHOUSES, SEED HOUSES, FOOD HANDLING ESTABLISHMENTS, PACKAGING AND PROCESSING PLANTS, 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, SHIPS, CABINS AND HOSPITALS. IN HOSPITAL, PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT. ALSO FOR USE IN CAMPER'S MOBILE HOMES, 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.**

**INDOORS:** For use in household, commercial and institutional buildings, greenhouses and lathouses, camp and mobile homes, vehicles and boats, as listed above.

**SPACE SPRAY:** For control of flies, mosquitoes, gnats and fruit flies. Remove or cover exposed food and food handling surfaces, including utensils. Remove animals. Shut off ventilating systems, air ducts and air conditioning equipment. Mix 1/2 fluid oz. of Pratt EC 2 Resmethrin Insect Spray in a gallon of water to make 0.10% emulsion. Apply directly to spray at the rate of 1/2 fluid oz. per 1000 cu. ft. of space. Do not use in occupied areas. Mix well before using. Direct nozzle to upper corners of the room and along ceiling. Avoid holding the spray mist. Close off room for at least one half hour after spraying. Ventilate room before re-entry. Repeat as necessary.

**CONTACT SPRAY:** To kill cockroaches, waterbugs, bedbugs, fleas, ants, crickets, grasshoppers, silverfish, earwigs, spiders, grain insects (adults of confused flour beetle, sawtoothed grain beetle, shiny spider beetle), grain mites, sowbugs, centipedes and milipedes. Mix 1/2 fluid oz. of Pratt EC 2 Resmethrin Insect Spray in a gallon of water to make a 0.25% emulsion. Mix well before using. Spray thoroughly in hiding places such as cracks, crevices and moist areas around pipes, under refrigerators and around dust and debris. Spray directly on insects when they are exposed. Repeat as necessary. **Use this dilution for wasps, hornets, yellow-jackets and bees.**

**BEDBUGS:** bedboard areas that persistent. **ANIMALS:** on other animals. **away while animal.** The moist. **TRUCKS:** seconds of dog animals. **slightly more WASPS:** when insect. **CONTACT SPIDERS:** cracks and. **ANTS:** **GRAIN IN:** beetles re foodstuff. **cracks and.** The shelf. **covered w** should be. **TO PROTECT:** to at but. **leafhopper:** aluminum. **cactus c:** rasparac. **plant ivy:** puny. **waffles:** zinnia. **USE WITH:** plumosa. **above e:** and cut. **toxicity:** **CONTACT:** 1 pint pe. **plant fol:** ranges fr. **necessar:** Prior to s. **plants or:** exposed. **ing syst:** areas. **INSTRUC:** direction. **lymphs:** preferred. **necessar:** **NON-THE:** Direct m. **Keep noz:** of 1:1:2. **closed:** weeks. **A:** range. **OUTDOO:** houses. **and plant:** Apply as. **water to:** frames a. **Repeat a:**

**ADDITIONAL DIRECTIONS TO KILL**

**BEETLES** - Apply as a contact treatment to cracks and crevices, under furniture, and in other areas that may harbor beetles. Repeat as necessary. For persistent infestations, consult professional applicator.

**ANIMAL PESTS** - Fleas or Dogs, Cats - Apply directly to animal's body. For flea infestations, apply to animal's bedding and to areas where animal rests. For dog houses, repeat as necessary. For cats, repeat as necessary. For dogs, repeat as necessary. For cats, repeat as necessary.

**WASPS, HORNETS, YELLOW JACKETS** - Apply directly to nests when insects are at rest. Spray liberally into and around nest openings and contact all workers contacting a colony. Repeat as necessary. See also **CONTACT SPRAY** above.

**SPIDERS** - Spray directly on these pests in cracks and crevices which harbor spiders.

**ANTS** - Spray doors, around window frames and other ant trails.

**GRAIN INSECTS** - Adults of confused flour beetle, sawtoothed grain beetle, and spider beetles remove infested grain, cereal, or flour to destroy. Avoid contact with foodstuffs in the areas by removing before spraying. Spray directly on pests in cracks and crevices where grain insects may be hiding in homes at points of infested products. The shelves and drawers should be cleaned and thoroughly sprayed with insecticide. Repeat as necessary.

**TO PROTECT ORNAMENTAL PLANTS** - Greenhouses, patios, porches, and other outdoor buildings and for indoor landscape. Spray directly on insects on plants. For insects: eafhoppers, plant bugs, spittlebugs, thrips, and whiteflies on the following plants: geranium, aluminum plant, aster, azalea, Baby's Tears, begonia, bromelia, clematis, carnation, cactus, chrysanthemum, oleander, daphne, dracaena, dumbcane, Euphorbia, fuchsia, geranium, impatiens, Japanese anemone, Japanese maple, Japanese spirea, Japanese yucca, lily, mandarin orange, marigold, Mimosa, nandina, nasturtium, nymphaea, pansy, peperomia, philodendron, piggy-back plant, poinsettia, purple heart, purple waffle, petunia, roses, salvia, shamrock, snake plant, Starlet Bell, tamarisk, zebra plant, zinnia, and yucca. For insects: aphids, scale, spider mites, and whiteflies on the following plants: althea, amaranth, arbutus, boxwood, budweed, dogwood, euonymus, flowering maple, Forsythia, hemlock, holly, Kora, lantana, laurel, mimosa, oak, palm, pittosporum, privet, sycamore, and yew.

**USE WITH CAUTION:** African violet, azalea, Begonia, bromelia, clematis, carnation, cactus, chrysanthemum, oleander, daphne, dracaena, dumbcane, Euphorbia, fuchsia, geranium, impatiens, Japanese anemone, Japanese maple, Japanese spirea, Japanese yucca, lily, mandarin orange, marigold, Mimosa, nandina, nasturtium, nymphaea, pansy, peperomia, philodendron, piggy-back plant, poinsettia, purple heart, purple waffle, petunia, roses, salvia, shamrock, snake plant, Starlet Bell, tamarisk, zebra plant, zinnia, and yucca.

**CONTACT SPRAY:** For pests listed above, apply Pratt EC-2 Resmethrin Insect Spray at the rate of 1 pint per 100 gallons of water, or 1 teaspoon per gallon. Spray the upper and lower surfaces of plant foliage to the point of runoff. Spray in the late afternoon or evening when the temperature ranges from 50 F. to 72 F. Spray when the insects first appear. Weekly applications may be necessary for heavy infestations. Avoid wetting blossoms, if possible.

Prior to spray application, remove infested plants from yard and destroy them. If possible, plants can be returned to original location. If plant removal is not possible, remove all exposed food and food handling surfaces, including pens, and other equipment. Seal all plumbing systems, air ducts, and air conditioning equipment. Avoid spray contact with other plants.

**INSTRUCTIONS FOR WHITEFLY CONTROL IN GREENHOUSES:** Apply as a contact spray. Repeat application weekly for 4 weeks. Complete spray schedule on 10/25/68. Whitefly control is preferred; spray at the rate of 1 qt. per 100 gal. of water. Repeat as necessary. Apply sprays as stated above.

**NON-THERMAL APPLICATORS:** Close off greenhouse and other buildings. Direct mist first toward upper corners of the greenhouse, then spray evenly throughout the area. Keep nozzle at least 3 feet from plant foliage. Apply Pratt EC-2 Resmethrin Insect Spray at the rate of 1 1/2 qt. of thoroughly mixed 1 3/4 oz. of concentrate per 100 gal. of water. Repeat as necessary. Applications should be made during the late afternoon or evening when the temperature ranges 50 F. to 72 F.

**OUTDOORS:** For use around residential areas, in the yard, on porches, patios, and other outdoor areas. Repeat as necessary.

Apply as a **CONTACT SPRAY** at the rate of 1 qt. of Pratt EC-2 Resmethrin Insect Spray per 100 gal. of water to cracks and crevices, under furniture, and in other areas that may harbor insects. Repeat as necessary.

**FLIES** - Thoroughly clean feeding areas such as garbage and refuse areas. Repeat as necessary. For persistent infestations, consult professional applicator.

**WASPS, HORNETS, BEEES** - Same as directed above. For persistent infestations, consult professional applicator.

**SPIDERS** - Same as directed above.

**BEETLES** - Same as directed above.

**ANT** - Same as directed above.

**CONTACT SPRAY** - Same as directed above.

**TO PROTECT ORNAMENTAL PLANTS** - Same as directed above.

**USE WITH CAUTION:** African violet, azalea, Begonia, bromelia, clematis, carnation, cactus, chrysanthemum, oleander, daphne, dracaena, dumbcane, Euphorbia, fuchsia, geranium, impatiens, Japanese anemone, Japanese maple, Japanese spirea, Japanese yucca, lily, mandarin orange, marigold, Mimosa, nandina, nasturtium, nymphaea, pansy, peperomia, philodendron, piggy-back plant, poinsettia, purple heart, purple waffle, petunia, roses, salvia, shamrock, snake plant, Starlet Bell, tamarisk, zebra plant, zinnia, and yucca.

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**LIMITED WARRANTY: BUYER ASSUMES ALL RISKS OF USED, STORAGE OR HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HERewith**