

**OUTDOOR AND  
HORTICULTURAL S.E.C.**

EPA Reg. No. 4816-6/1

EPA Est. No. 279-NY-1

- \* A PYRENONE INSECTICIDE CONCENTRATE
- \* CONTAINS NATURAL PYRETHRUM
- \* DILUTE WITH WATER FOR USE ON VEGETABLE AND ORNAMENTAL PLANTS AND SHADE TREES
- \* CONTROLS LISTED CRAWLING AND FLYING INSECTS ON PORCHES AND PATIOS, IN AND AROUND GARAGES AND AROUND THE YARD
- \* QUICK-ACTING - LEAVES NO HARMFUL RESIDUES
- \* ACCEPTABLE FOR USE TO DAY OF HARVEST ON EDIBLE PLANTS
- \* KILLS GYPSY MOTH CATERpillars AND JAPANESE BEETLES
- \* DIRECT SPRAY TO SOME OPEN BLOOMS MAY CAUSE PETAL DAMAGE

**ACTIVE INGREDIENTS:**

Pyrethrins	3.0%
*Piperonyl Butoxide, Technical	30.0%
*INERT INGREDIENTS	67.0%
	100.0%

\*Equivalent to min. 24% (butylcarbityl)(6-propylpiperonyl) ether and to 6% related compounds

\*\*Contains Petroleum distillate

PYRENONE - Registered Trademark of Roussel Uclaf Corporation

KEEP OUT OF REACH OF CHILDREN

12 FEB 1993  
WATERBURY, CT  
See rear panel for additional Precautions

NET CONTENTS

**ROUSSEL UCLAF**

P.O. BOX 1077, 400 SYLVAN AVENUE  
ENGLEWOOD CLIFFS, NEW JERSEY 07632

**DIRECTIONS FOR USE**

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

To prepare dilutions the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. This will produce a stable micro-emulsion.

Use outdoors and in greenhouses throughout the growing season or as a pre-harvest treatment when other insecticides are prohibited due to residue restrictions and use limitations.

To control listed insects combine 1.0 fluid ounces of this product per 1 gallon of water. Apply to insure thorough coverage of upper and lower surfaces.

**VEGETABLES**

**CROPS:** Asparagus, beans, broccoli, brussels sprouts, cabbage, cauliflower, celery, collards, cranberries, cucumbers, eggplant, kale, lettuce, melons, mustard greens, peppers, potatoes, radishes, spinach, squash, sweet corn, tomatoes, and turnips.

**INSECTS CONTROLLED:** Aphids, Asparagus Beetles, Blister Beetles, Cabbage Loopers, Colorado Potato Beetles, Cross-Striped Cabbage Worms, Diamondback Caterpillars, Flea Beetles, Leafhoppers, Mexican Bean Beetles, Stink Bugs, 12-Spotted Cucumber Beetles, Webworms And Whiteflies.

**ORNAMENTALS TREES, SHRUBS AND ROSES**

Apply as a fine mist, spraying plants on the upper and lower leaf surfaces.

**INSECTS CONTROLLED:** Aphids (Red, Black And Green Peach), Bagworms, Thrips, Flea Beetles, Japanese Beetles, Lace Bugs, Leafhoppers, Leaf Rollers, Leafhoppers, Mimosa Webworm Larvae, Plant Bugs And Whiteflies. Repeat treatment weekly, or as needed to control infestations.

**YARDS, PORCHES, PATIOS AND GARAGES**

Spray the surfaces areas and hit the insects whenever possible.

**Ants:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat if necessary.

**Wasps & Hornets:** Apply at dusk when insects are at rest. Spray liberally into hiding and breeding places contacting as many insects as possible. Repeat if necessary.

**Spiders:** Spray directly on spiders and web. Repeat if necessary.

**DECKS**

Spray the surfaces of decks with Flowtron Biomister as directed. Make direct contact with insects whenever possible. Repeat if necessary.

**AS A SURFACE SPRAY:**

For initial clean-up of severe insect infestations, dilute at a rate of 1 part concentrate in 14 parts water (8.5 fluid ounces per gallon). For normal infestations dilute 1 part concentrate in 29 parts water (4.3 ounces per gallon).

To kill Cockroaches, Palmetto Bugs, Earwigs, Sowbugs, Centipedes, Millipedes, Crickets, Silverfish and Clovermites, spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes, spigots, storage areas and sheds. Spray directly on insects where possible. Repeat treatment if necessary.

To kill Mosquitoes, Gnats (midges), House Flies, Blowing Flies, and Small Flying Moths (millers), apply spray to shrubs, bushes, and grassy areas. Spray these areas with a slow sweeping motion while moving away from the treated area. To reduce annoyance from these flying insects, treat open porches and patios in a similar manner. For best results spray when air is still. Allow spray or mist to dissipate before occupying the treated area. Repeat if necessary.

**MUSHROOM PRODUCTION AND PROCESSING:**

To control Adult Mushroom Flies or fungus Gnats, Phorids, Sciarids and Cecidomyiids in growing houses dilute 1 part concentrate in 5 parts water (21.3 fluid ounces per gallon). Using mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist, apply at a rate of 1 ounce per 1000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and directed slightly upward over them. Circulating fans should be left in operation, but for best results, refrigeration should be turned off. In packing and canning plants use at a rate of 1 ounce to 2000 cubic feet of space.

**WATER SYSTEM TREATMENT OF  
HYDROPONICALLY GROWN VEGETABLES:**

For control of Aquatic Diptera Larvae depending on severity of infestations, treat with 0.1, 0.01 or 0.001 ppm pyrethrins. Dilutions should be made as follows:

0.1 ppm:	12.6 ml (2.6 teaspoons) of concentrate in 1000 gallons of water.
0.01 ppm:	1.3 ml (0.26 teaspoons) of concentrate in 1000 gallons of water.
0.001 ppm:	0.13 ml (0.03 teaspoons) of concentrate in 1000 gallons of water.

## OUTDOORS:

To kill *Gypsy Moth Caterpillars and Adults, Adult Japanese Beetles and Eastern and Forest Tent Caterpillars* on contact:

**ON TREES AND SHRUBS:** Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

**ON ROSES AND IN FLOWER GARDENS:** Treat plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

## CONTAINERS LARGER THAN ONE GALLON:

**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by 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 approved State and local procedures.

## CONTAINERS ONE GALLON AND SMALLER:

**STORAGE:** Store in original container in a cool, dry place inaccessible to children and pets.

**DISPOSAL:** Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Concentrate causes substantial but temporary eye injury. Do not get in eyes or on clothing. When handling concentrate, wear goggles or face shield (non-domestic uses) or safety glasses (domestic uses). Harmful if swallowed. Remove pets, birds and cover fish aquaria before spraying. Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash exposed skin surfaces with soap and water after handling and before eating or smoking.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

## STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Immediately flush eyes with copious amounts of cool water for 15 minutes. Get prompt medical attention.

**IF SWALLOWED:** Promptly drink a large quantity of milk, egg whites, gelatin solution, or, if those are not available, drink large quantities of water. Avoid alcohol. Call a physician or Poison Control Center immediately. Do not induce vomiting unless under a physician's care. This product contains petroleum distillate. Vomiting may cause aspiration pneumonia.

**IF ON SKIN:** Rinse affected area with plenty of water. Get medical attention if irritation persists. Remove contaminated clothing and wash with soap and water before reuse.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated. Give nothing by mouth to an unconscious person. Get medical attention if indicated.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes and estuaries. Do not contaminate water when disposing of equipment washwaters.

## PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

**PRECAUTIONS:** This product has been tested on a wide variety of plants and in our opinion has demonstrated excellent plant safety. However, not all varieties or strains of the plants listed have been tested. Unintentional consequences such as crop injury or ineffectiveness may result because of certain environmental or growing conditions, manner of use or application, and insect resistance. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage and for performance prior to full scale application. Direct spray to some open blooms may cause petal damage.

**LIMITATION OF LIABILITY:** Manufacturer warrants that this product conforms to the chemical description on the label. Buyer assumes all risks of use in handling which are at variance in any way with the directions on the label. MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. DAMAGES CAUSED BY THIS PRODUCT

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ARE LIMITED TO REPLACEMENT OF THE PRODUCT OR RETURN OF THE PURCHASE PRICE.

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