

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

20 APR 1995

Ms. Christina M. Lawes  
Manager, Federal Registrations  
AgrEvo Environmental Health  
95 Chestnut Ridge Road  
Montvale, NJ 07645

Dear Ms. Lawes,

Subject: Amended Labeling for SBP-1382/Pyrethrins/Piperonyl  
Butoxide Transparent Emulsion Spray 0.08% + 0.02% + 0.02%, EPA  
Reg. No. 432-559.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

Include only the name "Resmethrin" as the active ingredient on the ingredient statement, and delete the chemical name, as specified in the Resmethrin Registration Standard.

Delete "w/w" from the Ingredient statement.

Change the STATEMENT OF PRACTICAL TREATMENT to read as follows:

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Change the ENVIRONMENTAL HAZARDS statement to read as follows:

[For commercial use] For terrestrial uses. This pesticide is highly toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Drift and runoff from treated sites may be hazardous to fish in adjacent waters.

CONCURRENCES

SYMBOL	PM-1R	EM 10					
SURNAME	A. J. ...	Keegan					
DATE	4/19/95	4/19/95					

105

[For homeowner use] This pesticide is highly toxic to fish. Do not apply directly to water. Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not contaminate water when disposing of equipment washwaters or rinsate.

Change the PHYSICAL OR CHEMICAL HAZARDS statement to read as follows:

Do not apply this product in or on electrical equipment due to the possibility of shock hazard. Do not use on surface that can be harmed or stained by water.

Change the first sentence of the STORAGE & DISPOSAL statement to read as follows: "Do not contaminate water, food or feed by storage or disposal.

Delete the reference to dilution in the DIRECTIONS FOR USE/INDOORS/CONTACT SPRAY: Flying Insects. It is EPA's understanding that this product is ready to use.

A marked-up copy of the label has been enclosed for your information.

If you have any questions, please contact Ann Sibold at (703) 305-6502.

Sincerely,

RS

Richard P. Keigwin, Jr.  
Product Manager 10  
Insecticide & Rodenticide Branch  
Registration Division (7505C)

**BEST COPY AVAILABLE**

**SBP-1382®/PYRETHRINS/  
PIPERONYL BUTOXIDE  
TRANSPARENT EMULSION SPRAY  
0.08%+0.02%+0.02%**

\* For use in and around the home.

\* CAN BE USED IN NON-FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS.

\* Ready to Use.

**ACTIVE INGREDIENTS:**

\*Resmethrin [5-(phenylmethyl)-3-furanyl]-  
methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)-  
-cyclopropanecarboxylate ..... 0.08% w/w

Pyrethrins ..... 0.02% w/w

\*Piperonyl Butoxide, Technical ..... 0.02% w/w

**INERT INGREDIENTS:** ..... 99.88% w/w  
100.00% w/w

\*Cis/trans isomers ratio: max. 30%(+)cis and min. 70%(+)trans.  
†Roussel Uclaf Corporation's SBP-1382® brand of resmethrin insecticide.  
\*Equivalent to 0.016% (butylcarbyl(6-propylpiperonyl) ether and 0.004% related compounds.

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

EPA REG. NO. 432-559

EPA EST. NO.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

IF IN EYES: Flush with plenty of water. <sup>Call a physician</sup> Get medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

See Side Panel For Additional  
Precautionary Statements

NET CONTENTS:

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
**20 APR 1995**

559a 093093jk

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

432-559

**ROUSSEL UCLAF**  
Roussel Uclaf Corporation  
85 Chestnut Ridge Road  
Montvale, New Jersey 07645

**BEST COPY AVAILABLE**

*Contaminated  
Water  
Product*

or to areas where surface water is present or to  
intertidal areas below the mean high water mark.  
Do not contaminate water by cleaning of equipment  
or disposal of equipment washwaters. Drift and  
runoff from treated sites may be hazardous to fish  
in adjacent waters

**PRECAUTIONARY STATEMENTS**

**Hazards To Humans & Domestic Animals**

**CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes,  
or clothing. Wash thoroughly with soap and water after handling.

Do not use in edible product areas of food processing plants,  
restaurants, or other areas where food is commercially prepared  
or processed. Do not use in serving areas while food is exposed.  
In the home, cover all food handling surfaces and cover or  
remove all food and cooking utensils. Remove pets and cover  
fish aquariums before spraying.

**Environmental Hazards**

This pesticide is highly toxic to fish.  
Do not apply directly to water.

runoff from treated sites may be hazardous to fish in adjacent  
waters. Do not contaminate water when disposing of equipment  
washwaters.

*Do not  
Drift and  
Hazardous  
Product*

**Physical And Chemical Hazards**

Do not apply this water-based product in <sup>or on</sup> conduits, motor  
housings, junction and switch boxes or other electrical equip-  
ment because of possible shock hazard. Do not use on surfaces  
that can be harmed or stained by water.

*due to the possibility of*

**DIRECTIONS FOR USE**

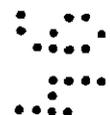
It is a violation of Federal law to use this product in a manner  
inconsistent with its labeling.

**(Water) STORAGE & DISPOSAL**

Do not contaminate food or feed by storage or disposal.  
Storage: Do not store this water-base formulation at tempera-  
tures below 32°F (0°C).  
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: FOR CONTAINERS 1 GALLON AND UN-  
DER: Do not reuse empty container. Wrap container and put in  
trash.  
FOR CONTAINERS OVER ONE GALLON: Triple rinse (or equiva-  
lent). 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.

Not for use on plants being grown for sale or other commercial  
use, or for commercial seed production, or for research pur-  
poses. For use on plants intended for aesthetic purposes or  
climatic modification and being grown in interior plantscapes,  
ornamental gardens or parks, or on golf courses or lawns and  
grounds.

For use in non-food areas indoors and outside premises of hotels,  
motels, homes, preschools, apartment buildings, commercial,  
office, institutional and storage buildings, recreational buildings,  
boats, ship cabins, and hospitals. IN HOSPITALS, remove pa-  
tients prior to treatment. Ventilate rooms for two hours before  
returning patients.



This product can be used in non-food areas only, such as corridors, offices, foyers, lavatories, garages, utility rooms and basements, of 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, and bakeries.

Also, for use in and around campers, mobile homes, buses and automobiles. [This product can be used in cargo planes, trucks, boxcars and ship cargo holds only if the vehicles are not used for transport of food or food products at any time.]

Also, for use in dog kennels and horse stables. In horse stables, not for application if horses are to be used for food. Do not spray on horses and dogs. Do not spray dog and horse food or feed items.

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.

#### INDOORS

**CONTACT SPRAY:** Flying insects - To kill *House Flies, Black Flies, Mosquitoes, Cluster Flies, Gnats, Fruit Flies, Flying Moths (Millers)*: Apply as a space spray. [Mix well before using. Fill spray tank with spray dilution.] Adjust [pressure and] nozzle to deliver a fine spray. Apply as a contact spray, hitting insects directly where possible. Keep the spray nozzle at all times at least four feet from fabrics to avoid wetting or staining. Repeat as necessary.

**CRAWLING INSECTS:** To kill *Cockroaches (Waterbugs), Crickets, Silverfish, Earwigs, Spiders Sowbugs (Pillbugs), Centipedes, Grain Mites and Grain Insects (Adults and Accessible Stages Of Confused Flour Beetles, Red Flour Beetles, Sawtoothed Grain Beetles, Cigarette Beetles, Shiny Spider Beetles, Carpet Beetles, Grain Weevils, Angoumois Grain Moths, Indian Meal Moths)*. Apply as a contact spray. [Mix well before using. Fill spray tank with spray.] Keep spray nozzle about 8 to 12 inches (20 to 30 cm) from surface to be treated. Adjust [pressure and] nozzle to deliver a coarse spray with particle size larger than that of the average aerosol. Spray thoroughly into hiding places such as cracks, moist areas, openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborage areas. 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 pests, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestation, consult professional applicator.

**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 - Including Fire Ants:** Spray doors, around window frames, and other points of entry. Spray ant trails, nests, and hills contacting as many ants directly as possible.

**ORNAMENTAL PLANTS INDOORS:** in homes, [commercial and institutional buildings] and for indoor landscaping: To control *Aphids, Fungus Gnats, Leafhoppers, Red Spider Mites, Plant Bugs, Spittlebugs, Thrips, and Whiteflies* on the plants listed below.

Prior to spray application, remove infested plants from living and eating areas, and place in an area not likely to come in contact with pets, children or food. Plants can be returned to original location when leaves dry.

If plant removal is not possible, remove or cover exposed food and food handling surfaces, including utensils, and remove animals. Shut off ventilating systems, air ducts, and air conditioning equipment. Avoid spray contact with surrounding areas.

Apply the spray to the upper and lower surfaces of plant foliage to the point of run-off. Avoid wetting blossoms if possible. Spray in the late afternoon or evening, when temperatures range from 50° to 72°F (10° to 22°C). Repeat applications weekly if necessary.

Ageratum	Ferns: Asparagus	Peperomia
Aluminum Plant	Boston	Petunia
Arrowhead Vine	Sword	Philodendron
Aster	Ficus	Piggy-back Plant
Azalea	Fuchsia	Poinsettia
Baby's Tears	Gardenia	Pothos
Begonia	Geranium	Prayer Plant
Black-Eyed Susan	Heliotrope	Purple Waffles
Bridal Veil	Hibiscus	Rubber Plant
Broadleaf Acacia	Roses	Salvia
Calendula	Hoya	Sedum
Carnations	Ice Plant	Shamrock
Christmas Cactus	Inch Plant	Snake Plant
Chrysanthemum	Ivy: German	Snapdragon
Coleus	Grape	Star-of-Bethlehem
Daisy	Swedish	Verbena
Daphne	English	Wandering Jew
Dracaena	Marigold	Wax plant
Dumbcane	Mosses in Cradle	Zebra Plant
Easter Lily	Nasturtium	Zinnia
Fatsihedera	Nephtytis	
	Palms	
	Pansy	

**USE WITH CAUTION:** on African violet, azalea, reiger begonia, browallia, Tahitian bridal veil, caenothus, camellia, plumosa fern, gloxinia, impatiens, geranium, oxalis, jade, primrose, cyclamen, wax begonia, spider plant, chrysanthemum, Boston fern, geranium, and friendship plant.

As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and therefore a wide range of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours, and check for possible injury.

#### OUTDOORS

**Premises:** For use around residential, [commercial and institutional buildings] gardens, yards, patios, mobile homes and campers. To control the pests listed below:

**TO KILL HOUSE FLIES, MOSQUITOES, GNATS (MIDGES), CLUSTER FLIES, BLACK FLIES, FLYING MOTHS (MILLERS), FRUIT FLIES:** Spray resting areas to reduce annoyance from these pests. Hold sprayer 18 to 24 inches (46 to 61 cm) from areas to be treated. Spray these areas with a slow sweeping motion at the rate of from 1 to 3 seconds per cubic yard (0.78 m<sup>3</sup>) of space, while moving away from the treated areas. Treat open porches and patios in a similar manner. Spray only when air is still. Allow spray to dissipate before occupying the treated area. Repeat as necessary.

**ANTS:** Same as directed above for indoor use.

**FIRE ANTS:** Kills and temporarily reduces annoyance of these insects. To reduce annoyance from ants and keep them from

**BEST COPY AVAILABLE**

4 of 5

4

entering homes, spray patios, barbecue areas, driveways, entryways, doorsills, window sills, other entrance areas, foundations of buildings, ant trails, around pools and areas where ants are noticed. Spray until the area is wet contacting as many insects as possible. This treatment will not kill the colonies but will reduce the immediate population for up to four hours. Repeat as necessary.

**CRICKETS, SILVERFISH, EARWIGS, SPIDERS, SOWBUGS AND CENTIPEDES:** Same as directed above for indoor use.

**ORNAMENTAL PLANTS OUTDOORS:** To control the pests listed below, spray the upper and lower surfaces of plant foliage to the point of run-off. Spray in the late afternoon or evening, when the temperature ranges from 50° to 72°F (10° to 22°C) and when there is little or no wind. Spray early in the season or when the pests first appear. Weekly applications may be necessary for heavy infestations. On those plants that will flower during the season, the spray schedule should be completed before blossom formation.

**TO KILL: *Apbids, Fungus Gnats, Gypsy Moths, Oakworms, Elm Spanworms, Cicada, Inchworms, Cankerworms (Fall and Spring), Climbing Cutworms, Japanese Beetles, Leaf-boppers, Plant Bugs, Spittlebugs, Thrips, Tussock Moths, and Whiteflies*** on the following trees and shrubs:

Akheia	Forsythia	Palm
Amaranth	Hemlock	Pitosporum
Aralia	Holly	Podocarpus
Arborvitae	Ixora	Rhododendron
Boxwood	Lantana	Spiraea
Bugleweed	Laurel	Spruce
Dogwood	Lilac	Sweet Olive
Elm	Locust	Toyon
Euonymous	Mimosa	Viburnum
Flowering Maple	Oak	Yew

**TO KILL: *Apbids, Fungus Gnats, Leafboppers, Inchworms, Plant Bugs, Spittlebugs, Thrips, Spider Mites, and Whiteflies*** on the following plants:

Ageratum	Daphne	Peony
Aster	Fuchsia	Petunia
Begonia	Gardenia	Philodendron
Black-eyed Susan	Gladiola	Poinsettia
Broadleaf Acacia	Heliotrope	Queen Sago
Calendula	Hibiscus	Roses
Hypoceras	Iris	Salvia
Coleus	Ivy	Snapdragon
Daisy	Marigold	Tobira
	Nasturtium	Zinnia

**USE WITH CAUTION:** On African violet, ash, azalea, Reiger begonia, wax begonia, geranium, browallia, columnea, cotoneaster, caenothus, camellia, plumosa fern, gloxinia, impatiens, juniper, non-bearing mulberry and quince, oxalis, jade, primrose, cyclamen and cypress.

**TO KILL TENT CATERPILLARS:** Application should be made when caterpillars are young and tents are first noticed (usually late spring). For best results, apply in the late afternoon or evening when caterpillars have returned to their tents. Aim spray directly at tents, and totally saturate on all sides. Repeat as necessary.

**TO KILL GYPSY MOTH CATERPILLARS:** Application should be made when caterpillars are young and are first noticed (usually late spring). Spray plants evenly to the point of run-off; apply to both sides of leaves and other areas of plants where insects are

suspected. For dense evergreens and shrubs, be sure spray reaches interior leaves and branches.

As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and therefore a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours and check for possible injury.

Notice: Buyer assumes all responsibility for safety and use not in accordance with directions.