


Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number 188477
	Application for Pesticide:	<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

Section I

1. Company/Product Number 432-505	2. EPA Product Manager J. Tavano	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 24.3% SBP-1382 - 2 E.C.	PM# 10	
5. Name and Address of Applicant (include ZIP Code) Roussel Uclaf Corporation 95 Chestnut Ridge Road Montvale, NJ 07645 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Revised Environmental Hazards Statement as per PR Notice 93-3.

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NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 93-3
DATE: 7/1/93


Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify)	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other (_____)	

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Sharon M. Johnston	Title Registration Specialist	Telephone No. (Include Area Code) (202) 307-9700

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamp)
2. Signature 	3. Title Registration Specialist	
4. Typed Name Sharon M. Johnston	5. Date 5-19-93	

24.3% SBP-1382® - 2 E.C.

(Contains 2 pounds SBP-1382® per gallon)

ACTIVE INGREDIENTS:

*Permethrin [5-(phenylmethyl)-3-turanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate 24.30% w/w
 INERT INGREDIENTS†: 75.70%
 100.00% w/w

†Contains aromatic Petroleum hydrocarbons.

*Cis/trans isomers ratio max. 30% (±)cis and min. 70% (±)trans.

©Roussel Uclaf's SBP-1382® brand of permethrin insecticide.

Roussel Uclaf Corp., 95 Chestnut Ridge Road, Montvale, N.J. 07645

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

HOUSEHOLD PESTS

PLANT PESTS

houseflies	crickets	aphids	whiteflies
mosquitoes	grasshoppers	fungus gnats	lacebugs
gnats	silverfish	gypsy moths	leafbeetles
fruit flies	earwigs	Japanese beetles	mimosa webworm
wasps	spiders	leafhoppers	mites
hornets	confused flour beetles(adults)	plant bugs	scales
yellow jackets	sawtoothed grain beetles(adults)	spittlebugs	budworms
bees	shiny spider beetles(adults)	thrips	sawflies
cockroaches	grain mites	tussock moths	weevils
bedbugs	sowbugs	citrus black flies	tent caterpillars
fleas	centipedes	cutworms	beet armyworms
ants		fly beetles	slugs
waterbugs			
millipedes			

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin. Avoid breathing mist.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. This product contains petroleum hydrocarbons.

If in eyes: Flush eyes with plenty of water. Call a physician.

If on skin: Wash with plenty of soap and water. Call a physician.

PHYSICAL OR CHEMICAL HAZARD

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Store in closed and store at temperatures above 40°F. Flash point minimum 100°F.

ENVIRONMENTAL HAZARD

This pesticide is highly toxic to fish. For terrestrial uses, do not apply where surface water is present or to intertidal areas below the low tide mark. Runoff from treated sites may be hazardous to fish in adjacent water bodies when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **FOR USE INDOORS AND OUTSIDE PREMISES OF PRESCHOOLS, NURSERIES, DAY CAMPS, GREENHOUSES, FOOD HANDLING ESTABLISHMENTS, PACKAGING PLANTS, COMMERCIAL, INDUSTRIAL, OFFICE, INSTITUTIONAL MILK STORAGE ROOMS, MILK HANDLING AREAS OF MILK PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING AND FEED MILLS, BAKERIES, BOATS, SHIP CABINS, AND PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT OF MOBILE HOMES, BUSES, AUTOMOBILES, TRUCKS, BUSES, AND TRAILERS. ALSO FOR USE IN DOG KENNELS AND HORSE STALLS. NOT FOR APPLICATION IF HORSES WILL BE USED FOR**

FOOD AREAS: Food should be removed or covered during treatment. Surfaces should be covered during treatment or thoroughly washed with water followed by a potable water rinse prior to use. In food areas, apply only when the facility is not in operation.

INDOORS: For use in household, commercial and institutional buildings, kennels, mobile homes, vehicles and boats, as listed on label. Apply this product through any type of irrigation system.

SPACE SPRAY: For control of flies, mosquitoes, gnats and fruit flies on food and food handling surfaces including utensils. Remove food and cover food handling equipment. Mix 1/2 fl. oz. per gallon of water to make 0.10% emulsion. Apply as a fine spray at 100-150 cu. ft. or 1 gallon per 24,000 cu. ft. Mix well before using. Direct spray away from people and animals. Avoid inhaling the spray mist. Close doors and windows. Ventilate room before re-entry. Repeat as necessary.

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EPA Reg. No. 432-505

EPA Est.: See Label No. For Correlation
7-42545-MO-1

F 10070-TX-1

P 655-GA-1

P-8/7/81

NET CONTENTS:

Lot No.

NOTIFICATION LABEL NOT REVIEWED PER FR NOTICE 68-8

DATE: 7/1/93

ROUSSEL UCLAF

Roussel Uclaf Corporation
95 Chestnut Ridge Road
Montvale, New Jersey 07645

DIRECTIONS FOR USE (Continued on next page)

CONTACT SPRAY: To kill cockroaches, waterbugs, bedbugs, fleas, ants, crickets, grasshoppers, silverfish, earwigs, spiders, grain insects (adults of confused flour beetles, sawtoothed grain beetles, shiny spider beetles), grain mites, sowbugs, centipedes, millipedes. Mix 1 1/2 fluid ounces of 24.3% SBP-1382-2 E.C. in a gallon of water to make a 0.25% emulsion. Mix well before using. Spray thoroughly into hiding places such as cracks and crevices, and moist areas around pipes, under refrigerators and along baseboards. Spray directly on insects when possible. Repeat as necessary. Use this dilution for wasps, hornets, yellow jackets and bees.

TO KILL BEDBUGS: 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 bedbugs, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

TO KILL FLEAS ON DOGS, CATS: Apply directly to animals along back, under forelegs and on other areas. Part hair to contact skin and insure good coverage. Hold nozzle about one foot away while spraying. Apply until hair is thoroughly moist. Do not spray directly in eyes or mouth of animal. Thoroughly spray the animal's bedding and other resting areas until the surface is lightly moist. Treat the floor areas, cracks and crevices in the floor and along baseboards at the rate of two seconds per linear foot. Spray at a distance of 12 to 18 inches (30-45 cm). Also spray the entire inside surface of dog house. Repeat as necessary.

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 floors, around window frames, ant trails and hills.

TO KILL GRAIN INSECTS: Adults of confused flour beetles, sawtoothed grain beetles, shiny spider beetles: remove infested grain, cereal or flour and destroy. Avoid contamination of other food and foodstuffs in the area 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 PROTECT ORNAMENTAL PLANTS in greenhouses, lathhouses, homes, commercial and institutional buildings, and for indoor landscaping: Spray directly on insects, to kill: aphids, fungus gnats, leafhoppers, plant bugs, spittlebugs, thrips and whiteflies on the following plants:

ageratum	figs	piggy-back plants
aluminum plant	fuchsia	poinsettia
aster	gardenia	pothos
azalea	geranium	prayer plant
Baby's Tears	heliotrope	purple waffles
begonia	koya	petunia
bridal veil	ice plant	roses
calendula	inch plant	salvia
carnations	ivy: German	shamrock
Christmas cactus	grape	snake plant
chrysanthemum	Swedish	Star-of-Bethlehem
coleus	marigold	verbena
daphne	Moses in Cradle	zebra plant
dracaena	nasturtium	zinnia
dumbcane	nephthytis	black-eyed susan
Easter lily	palms	broadleaf acacia
fatshedera	pansy	daisy
ferns: asparagus	peperomia	hibiscus
Boston	philadendron	snapdragon
sword		

USE WITH CAUTION: on African violet, azaleas, Reiger begonia, browallia, caenothus, cammilla, plumosa fern, gloxinia, Impatiens, oxalis, jade, primrose, and cyclamen. 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 below, wait 24 hours, and check for possible injury.

Contact spray for pests listed above: Apply 24.3% SBP-1382-2 E.C. 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 living and eating areas. Spray several plants at once and in an area not likely to come in contact with pets, children or food. When leaves dry, plants can be returned to original location.

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.

INSTRUCTIONS FOR WHITEFLY CONTROL IN GREENHOUSES ONLY: See "Contact Spray" directions above. Repeat application weekly for four weeks or longer for control of adults, pupae, and nymphs. Complete spray schedule on poinsettia before blooms form. Where fewer applications are preferred, spray at the rate of 1 qt. per 100 gallons of water or 2 teaspoons per gallon. Repeat as necessary. Apply sprays as stated above.

Non-thermal applicators: Close off greenhouse area to be treated for whitefly infestations. Direct mist first toward upper corners of the greenhouse, then apply evenly throughout the area. Keep nozzle at least three feet from the plant foliage. Apply 24.3% SBP-1382-2 E.C. at the rate of 1 1/2 fl. oz. thoroughly mixed in 3 fl. ozs. of methylene chloride per 1,000 cu ft. This is equivalent of 1 gram of active ingredient per 1,000 cu ft. Keptreated area closed off for at least two hours. Ventilate before re-entry. Apply at weekly intervals for at least four weeks. Applications should be made during late afternoon or at night when the temperatures range is 50°F to 72°F.

OUTDOORS: For use around residential, commercial and institutional buildings, gardens, greenhouses, yards, patios, mobile homes, campers, boats, swimming pools for controlling household and plant pests listed below:

Apply as a CONTACT SPRAY. Mix 1 1/2 fluid ounces of 24.3% SBP-1382-2 E.C. in a gallon of water to make 0.25% emulsion. Mix well before using. Spray thoroughly around doors, window frames and hiding places such as crack and crevices. Spray directly on insects when possible. Repeat as necessary.

TO KILL: Flies, mosquitoes, gnats, fruitflies- thoroughly spray breeding areas such as garbage and refuse areas, especially around poultry houses, barns, and similar areas of heavy infestation.

ANTS AND FLEAS: Same as directed above for indoor use.

WASPS, HORNETS, YELLOW JACKETS, BEES: Same as directed for indoor use. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible. APPLICATION SHOULD BE IN LATE EVENING WHEN INSECTS ARE AT REST. Repeat as necessary.

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

GRASSHOPPER CONTROL ON LAWNS AND SOD: The grass or sod to be treated should be no longer than 3 inches tall. FOR SMALL LAWNS, thoroughly mix 3 teaspoons of 24.3% SBP-1382-2 E.C. in 2 gallons of water and apply evenly to 1000 sq. ft. of area by means of a garden type compressed air sprayer or similar spray equipment. Repeat the spray as necessary. FOR LARGER AREAS, thoroughly mix one pint of 24.3% SBP-1382-2 E.C. in 100 gallons of water and apply to an acre (43,560 sq. ft.) by means of a hydraulic sprayer or other equipment that will spread this volume evenly over the area. Repeat the spray as necessary.

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Directions for use (continued)

EPA Reg. No. 432-505

TO PROTECT ORNAMENTAL PLANTS: Spray directly on insects. See "Contact Spray" directions below to kill: aphids, fungus gnats, gypsy moths, Japanese beetles, leafhoppers, plant bugs, spittlebugs, thrips, tussock moths and whiteflies on the following plants:

althea	hemlock	pittosporum
amaranth	holly	podocarpus
aralia	ixora	rhododendron
arborvitae	lantana	spirea
boxwood	laurel	spruce
bugleweed	lilac	sweet olive
dogwood	locust	toyon
euonymus	mimosa	viburnum
flowering maple	oak	yew
forsythia	palm	

Also, to control citrus blackflies on non-bearing citrus; cutworms and flea beetles on dichondra; lacebugs on andromeda; leafbeetles on elm; mimosa webworm on mimosa; mites, scales and budworms on spruce; sawflies and weevils on pine and Chinese Evergreen; tent caterpillars on non-bearing cherry trees; beet armyworm and cutworm on carnations, chrysanthemums, snapdragons; slugs on roses. Spray directly on insects (see dilution directions below).

ageratum	fuchsia	philodendron
aster	gardenia	poinssettia
begonia	heliotrope	queen sage
black-eyed susan	hibiscus	roses
broadleaf acacia	iris	salvia
calendula	ivy	snapdragon
hypoestes	marigold	tobira
coleus	nasturtium	zinnia
daisy	peony	
daphne	petunia	

Spray as directed below for "Contact Spray"

CONTACT SPRAY- for pests listed above, apply 24.3% SBP-1332-2 E.C. 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. Avoid wetting blossoms if possible.

USE WITH CAUTION: On African violet, ash, azalea, Reiger begonia, browallia, caenothus, camellia, plumosa fern, gloxinia, impatiens, quince, oxalis, jade, primrose, and cyclamen. 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.

STORAGE & DISPOSAL

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

STORAGE: For Containers One Gallon and Under: Store product in original container in a locked storage area. Do not store below 40°F. If exposed to temperatures below 40°F warm to 80°F and mix well before using.

PESTICIDE DISPOSAL: For Containers Over 1 Gallon: 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 under: Do not reuse empty container. Wrap container and put in trash. For containers over 1 gallon: 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.

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