



PM 04
AgrEvo

432-593
A company of Hoechst and Schering, Berlin

9/3/78
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ACCEPTED

3 SEP 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 432-593

SBP-1382® / BIOALLETHRIN (0.2 + 0.4) II

* A SYNTHETIC PYRETHROID FOR CONTROLLING THE FOLLOWING FLYING AND CRAWLING INSECTS IN AND AROUND HOUSEHOLDS, BUILDINGS, VEHICLES, BOATS, KENNELS AND STABLES:

Flying Insects: Houseflies, Mosquitoes, Gnats (Midges), Deer Flies, Stable Flies, Flying Moths (Millers), Fruit Flies, Wasp, Hornets, Yellow Jackets, Bees

Crawling Insects: Cockroaches, Waterbugs, Bed Bugs, Fleas, Ticks, Ants, Crickets, Silverfish, Earwigs, Spiders, Sawbugs, Centipedes, Millipedes, Grain Mites, Grain Insects, Palmetto Bugs

Plant Pests: Aphids, Leaf Beetles, Thrips, Gypsy Moths, Whiteflies, Tussock Moths, Leafhoppers, Oakworms, Two-spotted Mites, Sawflies, Plant Bugs, Tent Caterpillars, Spittlebugs, Weevils, Japanese Beetles, Slugs, Mimosa Webworm, Spider Mites, Armyworms, Red Spider Mites, Budworms, Cutworms

ACTIVE INGREDIENTS:

*Resmethrin [5-(phenylmethyl)-3-furanyl]methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate.....	0.200%/w/w
d-trans Allethrin.....	0.400%/w/w
**OTHER INGREDIENTS:	99.400%/w/w
	100.000%/w/w

*Cis/trans isomers ratio: max. 30%(±)cis and min. 70%(±)trans.
†AgrEvo Environmental Health, Inc.'s SBP-1382® brand of resmethrin insecticide.
**Contains Petroleum Distillate

EPA REG. NO. 432-593

EPA EST. NO.

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel For Additional
Precautionary Statements

NET CONTENTS:

PRECAUTIONARY STATEMENTS

Hazards To Humans

CAUTION

Cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces. Cover fish aquariums before spraying. Do not use on edible crops.

Environmental Hazards

This pesticide is highly toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to fish in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

Physical Or Chemical Hazards

Contents under pressure. Do not puncture. Do not use near heat or open flame. Exposure to temperatures above 80°F may cause bursting.

DIRECTION FOR USE

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

Not for use on plants being grown for sale or other commercial uses or for commercial seed production, or for research purposes. 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 INDOORS AND OUTSIDE PREMISES OF HOTELS, MOTELS, HOMES, PRESCHOOLS, NURSERIES, DAY CAMPS, 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, SHIP CABINS AND HOSPITALS. IN HOSPITALS, REMOVE PATIENTS PRIOR TO TREATMENT, VENTILATE ROOMS FOR TWO HOURS BEFORE RETURNING PATIENTS. ALSO FOR USE IN CAMPERS, 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.

Food Areas: Food should be removed or covered during treatment. 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Storage: Store in cool, locked storage area inaccessible to children and away from heat, sparks or open flame. Container Disposal: Replace cap, wrap container in several layers of newspaper and discard in trash.

Shake well before each use. Remove protective cap. Aim spray, opening away from person. Push button to spray.

INDOORS: For use in household, commercial and institutional buildings, campers, mobile homes, vehicles and boats, as listed above.

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TO KILL FLYING INSECTS: *Houseflies, Mosquitoes, Gnats (Midges), Deer Flies, Stable Flies, Flying Moths (Millers), Fruit Flies.* Close all doors and windows. Point nozzle upward. Direct spray mist to all parts of the room, especially windows and other light sources which attract these insects. Fill the room with mist, then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the room when treatment is completed.

TO KILL WASPS, HORNETS, YELLOW JACKETS, BEES: Application should be made in late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible. Repeat as necessary.

TO KILL CRAWLING INSECTS: *Fleas, Cockroaches, Waterbugs, Palmetto Bugs, Crickets, Silverfish, Earwigs, Spiders, Sowbugs, Centipedes, Millipedes, Grain Mites And Grain Insects (Adults and Accessible Stages Of Confused Flour Beetles, Red Flour Beetles, Sawtoothed Grain Beetles, Shiny Spider Beetles, Carpet Beetles, Grain Weevils, Angoumois Grain Moths, Indian Meal Moths)* - Spray thoroughly into hiding places such as cracks, crevices, 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.

GRAIN INSECTS: For control of the insect pests listed above, 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 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 doors, around window frames, ant trails and hills.

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 KILL FLEAS AND TICKS IN DOG AND CAT PREMISES: Thoroughly spray the animal's bedding and other resting areas until the surface is slightly moist. Treat these areas at the rate of 2 seconds per linear foot at a distance of 12 to 18 inches. Also spray the entire inside surface of doghouses. Repeat as necessary, thoroughly spraying floors, cracks, crevices and bedding. Hit as many insects directly as possible. For best results, dogs and cats should also be treated with an appropriate insecticide.

TO PROTECT ORNAMENTAL PLANTS in homes, commercial and institutional buildings, and for indoor landscaping: Spray directly on insects as directed below to kill Aphids, Exposed Thrips, Whiteflies, Leafhoppers, Plant Bugs, Spittlebugs, Two-spotted Mites, Red Spider Mites, Spider Mites, Cutworms and Slugs on the following plants:

African violet	dumbcane	mayten tree
ageratum	fatshedera	nasturtium
amaranth	asparagus fern	petunia
false aralea	fuchsia	philodendron
begonia	geranium	pothos
Christmas cactus	heliotrope	rose
chrysanthemum	hibiscus	snapdragon
cockscomb	impatiens	silver vase
coleus	ivy	toyon
gold-dust croton	jade	verbena
cup flower	Jacob's ladder	umbrella tree
daisy	lilac	wax plant
daphne	lobelia	zinnia
dracaena	marigold	

Contact spray for pests listed above. Hold container 18 inches from the infested plants. Spray in short bursts from one to three seconds or spray at the rate of one linear foot of growth per second. Direct spray to all sides covering foliage until slightly moist. Avoid heavy wetting. Repeat as necessary to obtain control. If application is made indoors, remove infested plants from living and eating areas prior to spray application. 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 position. If plant removal is not possible, remove or cover exposed food and food handling surfaces, including utensils. Shut off ventilating systems, air ducts and air conditioning equipment. Avoid spray contact with surrounding surfaces in area. Leave the sprayed area after treatment, and ventilate.

USE WITH CAUTION on African violet, ash, azalea, Reiger begonia, browallia, caenothus, camellia, columnea, cotoneaster, cyclamen, cypress, plumosa fern, gloxinia, impatiens, juniper, nonbearing mulberry and quince, oxalis, jade and primrose. As with all plants listed above, especially carnations, chrysanthemums and roses, there exist 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.

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

TO KILL: *Houseflies, Mosquitoes, Gnats (Midges), Deer Flies, Stable Flies, Flying Moths (Millers), Fruit Flies* - Spray resting areas to reduce annoyance from these pests. Follow precautions listed above. Hold container 18 to 24 inches from shrubs, bushes, and grassy areas. Spray these areas with a slow sweeping motion at the rate of from 1 to 3 seconds per cubic yard of space, while moving away from the treated areas. Treat open porches and patios in a similar manner. Spray only when the air is still. Allow spray to dissipate before occupying the treated area. Repeat as necessary.

WASPS, HORNETS, YELLOW JACKETS, BEES - Same as directed above for indoor use. **APPLICATION SHOULD BE MADE LATE IN THE EVENING WHEN INSECTS ARE AT REST.** 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. Repeat as necessary.

ANTS AND FLEAS - same as directed above for indoor use.

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

TO PROTECT ORNAMENTAL PLANTS - Spray directly on insects as directed below to kill: *Aphids, Exposed Thrips, Whiteflies, Leafhoppers, Japanese Beetles, Plant Bugs, Spittlebugs, Two-spotted Mites, Red Spider Mites* on:

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TO PROTECT ORNAMENTAL PLANTS - Spray directly on insects as directed below to kill: *Aphids, Exposed Thrips, Whiteflies, Leafhoppers, Japanese Beetles, Plant Bugs, Spittlebugs, Two-spotted Mites, Red Spider Mites* on:

- | | | | |
|-------------|-----------|--------------------|--------------|
| althea | forsythia | mimosa | pine |
| white birch | hemlock | non-bearing citrus | pyracantha |
| cypress | holly | and cranberry | rhododendron |
| dogwood | locust | oak | spirea |
| euonymous | maple | palm | spruce |
| viburnum | toyon | | |
- also: mimosa webworm on mimosa

TO KILL *Army Worms, Budworms, Leaf Beetles, Gypsy Moths, Tussock Moths, Oakworms, Sawflies, Tent Caterpillars, and Weevils* on the above plants; also *Slugs* on roses; *Spider Mites* on chrysanthemums; *Cutworms* on gladiolus and petunia. To kill *Aphids, Exposed Thrips, Adult Whiteflies, Leafhoppers, Plant Bugs, Spittlebugs and Japanese Beetles* on:

- | | | |
|------------------|-------------|--------------|
| African violets | fatshedera | philodendron |
| ageratum | geranium | queen sago |
| begonia | honeysuckle | roses |
| broadleaf acacia | iris | snapdragon |
| chrysanthemum | ivy | tobira |
| coleus | marigold | zinnia |
| daisy | nasturtium | |
| daphne | peony | |

CONTACT SPRAY DIRECTIONS FOR ABOVE PESTS: Hold container 18 inches from the infested plants. Spray in short bursts from one to three seconds or spray at the rate of one lineal foot of growth per second. Direct spray to all sides covering foliage until slightly moist. Avoid heavy wetting. Repeat as necessary to obtain control. For *Adult Whiteflies and Two-spotted Mites* be sure to direct spray to contact these pests. The spray covers the infested area. Use several repeat applications at 7 day intervals if necessary.

USE WITH CAUTION on African violets, ash, azalea, Reiger begonia, brown azalea, buds, columnea, columnea, cotoneaster, cyclamen, cypress, gladiolus, gladiolus, gloxinia, impatiens, juniper, non-bearing mimosas, flowering quince, oxalis, jade, primrose, and rose, including hybrid tea rose. These plants may be subject to leaf or flower burn under certain conditions of use. As with all plants listed above, especially carnations, chysanthemums and roses, there exists a wide variety of species and cultivars and therefore, a wide range of susceptibility to injury. To ascertain possible phototoxicity, 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.

AgrEvo Environmental Health
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In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-471-0660.

For Product Information Call Toll-Free:
1-800-331-2867

SPECIMEN LABEL