

# SBP-1382® INSECTICIDE TRANSPARENT EMULSION\*\* SPRAY 0.25%

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

**ACTIVE INGREDIENT:**

Resmethrin<sup>1</sup> ..... 0.25%

**OTHER INGREDIENTS:** ..... 99.75%  
100.00%

\*\*U.S. Patent No. 3,683,078.

<sup>1</sup>Valent BioSciences Corporation's SBP-1382® brand of resmethrin insecticide.

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. 73049-110

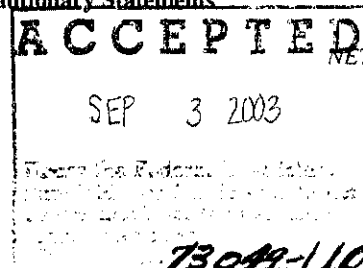
EPA EST. NO.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. 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 1-877-315-9819.</p>	

See Side Panel For Additional Precautionary Statements



## PRECAUTIONARY STATEMENTS

### Hazards To Humans & Domestic Animals

#### CAUTION

Harmful if swallowed. Avoid contact with eyes, skin or clothing. Avoid contamination of feed and food stuffs. Remove pets, birds, and cover fish aquariums before space spraying. Prevent re-entry of dogs and cats into treated area until spray deposits are dry. Do not use on edible crops. Do not remain in treated areas. Ventilate the area when treatment is complete.

#### Environmental Hazards

This product is toxic to fish. Do not apply directly to water, 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 wastes. When used on ships, do not wash or flush freshly sprayed surfaces into adjacent waters.

#### Physical And Chemical Hazards

Do not apply this product in conduits, motor housings, junctions, and switch boxes or other electrical equipment because of possible shock hazard. Do not apply to surfaces that can be harmed or stained by water.

### DIRECTIONS 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 use, 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.

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.

For use in non-food areas of food handling establishments in and around premises of commercial, industrial, office, residential, public, institutional and storage buildings, hotels, motels, homes, preschools, nurseries, day camps, seed houses, packaging and processing plants, milk handling areas of milk, cheese and ice cream 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. 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.

Do not use on electrical equipment or on surfaces that can be harmed or stained by water. When treating surfaces and fabrics where water alone could stain, spray in an inconspicuous area to test for possible staining or discoloration.

#### INDOORS

SPACE SPRAY: Remove or cover plants. Do not allow the undiluted spray to contact plants because of possible injury.

#### FLYING INSECTS

TO KILL *House Flies, Deer Flies, Stable Flies, Gnats, Cluster Flies, Vinegar Flies, Mosquitoes, Fruit Flies, Flying Moths (Millers)*: Apply as a space spray. Shake product well before using. Fill spray tank. Adjust pressure and nozzle to deliver a fine mist spray. Close all doors and windows. Point nozzle upward and direct the spray mist to all parts of the room especially windows and other light sources which attract these insects. Keep the spray nozzle at all times at least four feet (1.2 m) from fabrics to avoid wetting or staining. Fill the room with mist at the dosage of one fluid ounce per 1000 cu ft of space (30 ml per 28.3 cu m). Then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the room when treatment is completed and before re-entry.

#### CRAWLING INSECTS

TO KILL *Fleas, Cockroaches (Waterbugs), 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, Cigarette Beetles, Shiny Spider Beetles, Carpet Beetles, Grain Weevils, Angoumois Grain Moths)*: Apply as a contact spray. Shake product well before using. Fill spray tank with product. 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, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborage areas. Spray directly on insects where possible.

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. For persistent infestation, 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 (30 cm) at a distance of 12 to 18 inches (30 to 46 cm). Also spray entire inside surface of dog houses and kennels. Thoroughly spray floors, cracks, crevices and bedding. Hit as many insects directly as possible. For best results, treat dogs and cats with an appropriate insecticide.

**TO KILL Wasps, Hornets, Yellow Jackets, Bees:** Make applications 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.

#### RESIDUAL SPRAY

**AIDS IN THE CONTROL OF Cockroaches, Crickets, Silverfish, Ants, Millipedes, Centipedes, Earwigs, Grain Mites, Sowbugs, Spiders:** Kills for up to 4 weeks. Spray baseboards, cracks and crevices, around door and window frames, and other hiding places such as closets, in back of and under appliances, sinks, and cupboards in kitchens and bathrooms. In basements, spray hiding places in cracks and crevices, lower walls and dark places. Apply as a coarse wet spray in a 4 to 6 inch (10 to 15 cm) band until area is thoroughly wet but not to the point of run-off.

#### ORNAMENTAL PLANTS INDOORS

**IN HOMES, COMMERCIAL AND INSTITUTIONAL BUILDINGS, AND FOR INDOOR LANDSCAPING:** To control *Aphids*, *Fungus Gnats*, *Leafhoppers*, *Plant Bugs*, *Spittlebugs*, *Thrips*, and *Whiteflies* on the plants listed below, use the 0.02% spray dilution. To prepare the spray, dilute this product with water as shown in the **SPRAY DILUTION CHART**. Mix well before using.

#### SPRAY DILUTION CHART

<u>Amount of Spray Mixture Desired</u>	<u>Volume of SBP-1382 TES 0.25% required to make a 0.02% Spray</u>
8 fl oz (237 ml)	4 tsp (20 ml)
16 fl oz (473 ml)	8 tsp (40 ml)
32 fl oz (946 ml)	3 fl oz (89 ml)
64 fl oz (1.89 L)	5.5 fl oz (163 ml)
128 fl oz (3.79 L)	10.5 fl oz (311 ml)

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 system, 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°F to 72°F (10°C to 22°C).

Ageratum	ferns: asparagus	pansy
aluminum plant	Boston	peperomia
arrowhead vine	sword	petunia
aster	figus	philodendron
azalea	fuchsia	piggy-back plant
Baby's Tears	gardenia	poinsettia
Begonia	geranium	pothos
black-eyed Susan	heliotrope	prayer plant
bridal veil	hibiscus	purple waffles
broadleaf acacia	hoya	roses
calendula	ice plant	rubber plant
carnations	inch plant	salvia
Christmas cactus	ivy: German	sedum
Chrysanthemum	grape	shamrock
coleus	Swedish	snake plant
daisy	English	snapdragon
daphne	marigold	Star-of-Bethlehem
dracaena	Moses in Cradle	verbena
dumbcane	nasturtium	wandering Jew
Easter lily	nephthytis	wax plant
Fatsyhedera	palms	zebra plant
		zinnia

**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, 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, wait 24 hours, and check for possible injury.

**OUTDOORS**

**PESTS OUT-OF-DOORS: DO NOT TREAT OR ALLOW THE 0.25% SPRAY TO CONTACT PLANTS (Lawns, Flowering Plants, Shrubs, Trees, Evergreens, etc.) BECAUSE OF POSSIBLE INJURY.**

**TO KILL House Flies, Mosquitoes, Gnats (Midges), Deer Flies, Stable Flies, Cluster 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 (46 to 61 cm) from the areas to be treated. Spray these areas with a slow sweeping motion at the rate of from 1 to 3 seconds per cubic yard of space (0.76 cu. m) 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.

**Wasps, Hornets, Yellow Jackets, Bees:** Make applications in late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under rafters, contacting as many insects as possible. Aim spray at nest openings in cracks and crevices which may harbor pests, saturating nest openings and contacting as many insects as possible.

**Ants and Fleas:** Spray doors, around window frames, ant trails and hills. Thoroughly spray animal bedding and other resting areas until the surface is slightly moist. Treat these areas at the rate of 2 seconds per linear foot (30 cm) at a distance of 12 to 18 inches (30 to 46 cm). Also spray entire inside surface of dog houses and kennels. Thoroughly spray floors, cracks, crevices and bedding. Hit as many insects directly as possible. For best results, treat dogs and cats with an appropriate insecticide.

**Crickets, Silverfish, Earwigs, Spiders, Sowbugs, Centipedes, and Millipedes:** Apply as a contact spray. Mix well before using. Fill spray tank with product. 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, crevices, moist areas, openings around pipes and sinks and other insect harborage areas. Spray directly on insects where possible.

**Fire Ants:** Kills and temporarily reduces annoyance of these insects. To reduce annoyance from these ants and keep them from entering homes, spray patios, barbecue areas, driveways, door sills, window sills, other entrance areas, foundations of buildings, ant trails, mounds, around pools and areas where the 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. Avoid contacting plants, shrubbery and large areas of lawns.

**ORNAMENTAL PLANTS OUTDOORS:** To control the pests listed below use the 0.02% spray dilution.

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°F to 72°F (10°C 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 Aphids, Fungus Gnats, Gypsy Moths, Oakworms, Elm Spanworms, Cicada, Inchworms, Cankerworms (Fall and Spring), Japanese Beetles, Leafhoppers, Plant Bugs, Spittlebugs, Thrips, Tussock Moths and Whiteflies ON THE FOLLOWING TREES AND SHRUBS:**

Althea	forsythia	palm
Amaranth	hemlock	pittosporum
Aralia	holly	podocarpus
Arborvitae	ixora	rhododendron
boxwood	lantana	spirea
bugleweed	laurel	spruce
dogwood	lilac	sweet olive
elm	locust	toyon
euonymus	mimosa	viburnum
flowering maple oak		yew

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; **Rose Slugs** on roses. Spray directly on insects.

**TO KILL Aphids, Fungus Gnats, Leafhoppers, 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	heliotrope	poinsettia
broadleaf acacia	hibiscus	queen sago
calendula	iris	roses
hypoestes	ivy	salvia
coleus	marigold	snapdragon
daisy	nasturtium	tobira

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: Make applications 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.

TO KILL *Gypsy Moth Caterpillars*: Make applications when caterpillars are young and are first noticed (usually late spring). Spray plants evenly to the point of run-off, applying 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.

**STORAGE AND DISPOSAL**

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

**Storage:** Do not store this water-base formulation at temperatures below 32°F (0°C).

FOR CONTAINERS OVER ONE GALLON:

**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:** 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.

FOR CONTAINERS ONE GALLON AND UNDER:

**Disposal:** **If empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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