

PM 10

499-291

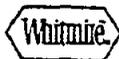
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ACCEPTED

18 JAN 1996

Under the Federal Insecticide,
Fungicide, and Plant Growth Regulator Act
as amended, for the pesticide
registered under
EPA Reg. No. 499-291



Sumithrin ME

ACTIVE INGREDIENTS:

3-Phenoxybenzyl-(1RS,3RS:1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)
cyclopropanecarboxylate 12.0%

INERT INGREDIENTS: 88.0%

*Sumithrin is a Registered Trademark of Sumitomo Chemical Company
** cis/trans isomers ratio: max. 30% (+/-) cis and min. 70% (+/-) trans.

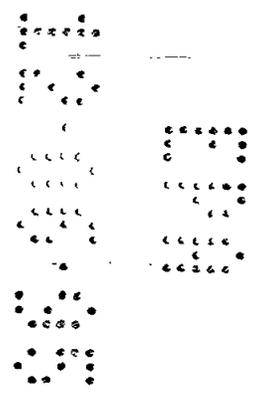
EPA Reg. No. 499-291 EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See supplemental label for precautionary statements and use directions.

Net Contents: 1 Quart



DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use Section for information about this standard.

HORTICULTURAL USE

Floral Shops, Garden Centers, Greenhouses, Hobby Greenhouses, Interiorscapes, Landscapes and Nurseries

KILLS: Aphids, Boxelder Bugs, Caddis, Caterpillars, Fungus Gnats, Leafhoppers, Leafminers, Pillbugs, Rose Aphids, Scales, Sow Bugs, Spider Mites, Thrips, White Flies. (See supplemental label for additional insects.)

MIXING AND DILUTION INSTRUCTIONS:

Unless otherwise directed, dilute Sumithrin ME with water to make a 0.25% to 0.5% spray** as indicated below:

Amt. of Finished Spray	Dilution Spray Chart		
	0.25% Spray**	0.5% Spray**	1% Spray**
1 gallon	2.5 fl. oz.	5.0 fl. oz.	10.0 fl. oz.

* 1 Tablespoon = 0.5 fl. oz.
** Active ingredient basis

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Remove contaminated clothing immediately and wash skin with plenty of soap and water.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Wash thoroughly with water for at least 15 minutes. Call a physician if symptoms occur.

STORAGE AND DISPOSAL

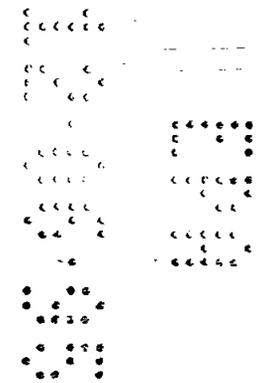
Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in original container only, preferably in a locked storage area. Do not store in a manner where cross contamination with other pesticides, fertilizer, food or feed could occur. If spilled during storage or handling, soak up spillage with absorbent material and dispose of in accordance with Pesticide Disposal instructions listed below.

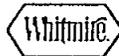
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

A Prescription Treatment® brand insecticide from:
Whitmire Research Laboratories, Inc.
3568 Tree Court Ind. Blvd.
St. Louis, MO 63122
Copyright, 1995



3/4



Sumithrin ME

For use in nonfood areas only.

KILLS AND REPELS: Aphids, Boxelder Bugs, Caddises, Caterpillars, Fungus Gnats, Leafhoppers, Leafminers, Pillbugs, Rose Aphids, Rose Chafer, Scales, Sow Bugs, Spider Mites, Tarnished Plant Bugs, Thrips, and White Flies.

FOR USE IN AND AROUND: Floral Shops, Garden Centers, Hobby Greenhouses, Interiorscapes, Landscapes, and Nurseries.

ACTIVE INGREDIENTS:

3-Phenoxybenzyl-(1RS,3RS,1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate..... 12.0%

INERT INGREDIENTS:..... 88.0%

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EPA Reg. No. 499-291 EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Remove contaminated clothing immediately and wash skin with soap and water.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Wash thoroughly with water for at least 15 minutes. Call a physician if symptoms occur.

DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, water-proof gloves, and shoes plus socks.

MIXING INSTRUCTIONS

Thoroughly wash out spray equipment before using Sumithrin ME. Shake concentrate well before diluting. When diluting, first add approximately half of the water to the spray tank. Wet interior surfaces of measuring device by adding a couple to several ounces of water in measuring cup before adding concentrate. Add proper amount of concentrate. Pour contents of measuring cup into spray tank. Rinse measuring cup into tank and finally add the rest of the water. Occasionally agitate sprayer during use to assure even coverage. Shake or re-agitate sprayer before use if application is interrupted.

Do not use this formulation with oil.

IF SPRAY SCREENS ARE USED, THEY SHOULD BE 50 MESH OR LARGER.

Unless otherwise directed, dilute Sumithrin ME with water to make a 0.25% to 0.5% spray** as indicated below:

Amount* of Sumithrin ME to use for:

Dilution Spray Chart

Amt. of Finished Spray	0.25% Spray**	0.5% Spray**	1% Spray**
1 Gallon	2.5 fl. oz.	5.0 fl. oz.	10.0 fl. oz.

* 1 Tablespoon = 0.5 fl. oz.

** Active Ingredient basis

Use on Plants - For control of Caterpillars (Cabbage Worms, Rose Slugs, Hornworm, Tentworm), Fungus Gnats, Fungus Gnat Larvae, Gnats, Leafhoppers, Leafminers, Mealybugs, (Citrus, Stem and Root), Rose Chafer, Scale Insects, Tarnished Plant Bugs and White-flies:

Apply Sumithrin ME to the ornamentals listed below at a rate of 0.5 to 1.0 fl. oz. per gallon of water (1.5 to 3 pints/100 gallons).

For control of aphids, mites and thrips: Use 0.5 to 2 fl. oz. per gallon (1.5 to 6 pints/100 gallons) Treat when insects appear. Use higher rate for heavy insect infestations. Repeat applications as necessary.

ORNAMENTALS

FOR USE INDOORS AND OUTDOORS ON, BUT NOT LIMITED TO: African Violets, Ageratum, Andromeda, Anthony Wanderer, Arborvitae, Azalea, Begonia, Bird's Nest Fern, Blue Spruce, Chrysanthemum, Coleus, Crapa Myrtle, Dwarf Lilac, Euonymus, Ferns, Gardenia, Geranium, Honeysuckle, Impatiens, Ivy, Mock Orange, Mugho Pine, Oleander, Ornamental Cherry, Ornamental Crabapple, Peony, Peperonia, Petunia, Pflizer Juniper, Philadendron, Pilea, Poplar, Purple Passion Plant, Rose, Seedum, Snapdragon, Soft Maple, Spirea, Wisteria

Sumithrin ME has demonstrated excellent plant safety; however, all varieties of the plants listed above have not been tested. When treating large numbers of plants of a single variety, spray a few plants and observe for phytotoxicity prior to full scale application.

PEST CONTROL OUTDOORS

Perimeter Treatment - Residual spray for control of Ants, Carpenter Ants, Cockroaches, Crickets, Fleas, Silverfish, and Ticks:

(See other side for additional labeling)



4/4



Whitmore

Sumithrin ME

Apply a 0.25% to 0.5% Sumithrin ME spray to exterior surfaces of buildings, porches, screens, window frames, eaves, patios, garages, and other areas where these pests congregate or enter premises.

To help prevent infestations of buildings by the above pests, treat a band of soil 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Sumithrin ME may be applied in compressed air equipment or power spray equipment. Apply as a coarse spray to thoroughly and uniformly wet the band area. A rate of 4 to 6 ounces of Sumithrin ME per 1,000 square feet is desirable.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Do not remain in treated area and ventilate the area after treatment is completed. Avoid breathing of vapor. Avoid contact with skin, eyes or clothing. Wash thoroughly after using and before smoking or eating. Remove contaminated clothing and wash before reuse. Keep out of reach of children. Do not apply to humans, their clothing or bedding. Do not allow children or pets to contact treated surfaces until spray has dried. Do not contaminate food or use on household pets. Cover fish tanks prior to application. Do not spray where electrical short circuits might result, such as wall outlets, conduits, etc.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, birds, and other wildlife. 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 wastes. Apply this product only as specified on this label.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container only, preferably in a locked storage area. Do not store in a manner where cross contamination with other pesticides, fertilizer, food or feed could occur. If spilled during storage or handling,

soak up spillage with absorbent material and dispose of in accordance with Pesticide Disposal instructions listed below.

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 container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

A Prescription Treatment® Brand Insecticide from:

Whitmore Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis, Missouri 63122
800-325-368

Copyright, 1995

Label No. TC94sup.dft



ACCEPTED
18 JAN 1996
Under the Federal Insecticide,
Fungicide, and Plant Growth Regulator Act
as amended for the pesticide
registered under
EPA Reg. No. 499-291



Sumithrin ME

ACTIVE INGREDIENTS:

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cyclopropanecarboxylate 12.0%

INERT INGREDIENTS: 88.0%

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EPA Reg. No. 499-291 EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See supplemental label for precautionary statements and use directions.

Net Contents: 1 Quart

DIRECTIONS FOR USE

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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use Section for information about this standard.

HORTICULTURAL USE

Floral Shops, Garden Centers, Greenhouses, Hobby Greenhouses, Interiorscapes, Landscapes and Nurseries

KILLS: Aphids, Boxelder Bugs, Caddisflies, Caterpillars, Fungus Gnats, Leafhoppers, Leafminers, Pillbugs, Rose Aphids, Scales, Sow Bugs, Spider Mites, Thrips, White Flies. (See supplemental label for additional insects.)

MIXING AND DILUTION INSTRUCTIONS:

Unless otherwise directed, dilute Sumithrin ME with water to make a 0.25% to 0.5% spray** as indicated below.

Amt. of Finished Spray	Dilution Spray Chart		
	0.25% Spray**	0.5% Spray**	1% Spray**
1 gallon	0.5 fl. oz.	1.0 fl. oz.	2.0 fl. oz.

* 1 Tablespoon = 0.5 fl. oz.

** Active Ingredient basis

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Remove contaminated clothing immediately and wash skin with plenty of soap and water.

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Wash thoroughly with water for at least 15 minutes. Call a physician if symptoms occur.

STORAGE AND DISPOSAL

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

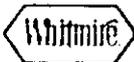
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A Prescription Treatment[®] brand Insecticide from:
Whitmore Research Laboratories, Inc.
3568 Tree Court Ind. Blvd.
St. Louis, MO 63122
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BEST COPY AVAILABLE



Sumithrin ME

For use in nonfood areas only.

KILLS AND REPELS: Aphids, Boxelder Bugs, Caddises, Caterpillars, Fungus Gnats, Leafhoppers, Leafminers, Pillbugs, Rose Aphids, Rose Chafer, Scales, Sow Bugs, Spider Mites, Tarnished Plant Bugs, Thrips, and White Flies

FOR USE IN AND AROUND: Floral Shops, Garden Centers, Hobby Greenhouses, Interiorscapes, Landscapes, and Nurseries

ACTIVE INGREDIENTS:

3-Phenoxybenzyl-(1RS,3RS,1RS,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate..... 12.0%

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EPA Reg. No. 499-291 EPA Est. No. 499-MO-1

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MIXING INSTRUCTIONS

Thoroughly wash out spray equipment before using Sumithrin ME. Shake concentrate well before diluting. When diluting, first add approximately half of the water to the spray tank. Wet interior surfaces of measuring device by adding a couple to several ounces of water in measuring cup before adding concentrate. Add proper amount of concentrate. Pour contents of measuring cup into spray tank. Rinse measuring cup into tank and finally add the rest of the water. Occasionally agitate sprayer during use to assure even coverage. Shake or re-agitate sprayer before use if application is interrupted.

Do not use this formulation with oil

IF SPRAY SCREENS ARE USED, THEY SHOULD BE 50 MESH OR LARGER

Unless otherwise directed, dilute Sumithrin ME with water to make a 0.25% to 0.5% spray** as indicated below

Amount* of Sumithrin ME to use for

Amt of Finished Spray	Dilution Spray Cha	
	0.25% Spray**	0.5% Spray
1 Gallon	2.5 fl. oz.	5.0 fl.

* 1 Tablespoon = 0.5 fl. oz
** Active Ingredient basis

Use on Plants - For control of Caterpillars, Worms, Rose Slugs, Hornworm, T. Gnats, Fungus Gnat Larvae, Gnats, Leafminers, Mealybugs, (Citrus, Steeple Chafer, Scale Insects, Tarnished Plant Flies

Apply Sumithrin ME to the ornamentals at a rate of 0.5 to 1.0 fl. oz. per gallon (5 to 10 pints/100 gallons)

For control of aphids, mites and thrips: Apply 0.5 to 1.0 fl. oz. per gallon (5 to 10 pints/100 gallons) when insects appear. Use higher rate for heavy infestations. Repeat applications as necessary.

ORNAMENTALS

FOR USE INDOORS AND OUTDOORS

PLANTS SUITABLE TO: African Violets, Ageratum, Anthurium, Anthyranthera, Arbutus, Azalea, Begonia, Blue Spruce, Chrysanthemum, Myrtle, Dwarf Lilac, Euonymus, Fern, Gardenia, Impatiens, Ivy, Magnolia, Mugho Pine, Oleander, Ornamental Cactus, Crabapple, Peony, Papyrus, Petunia, Philadelphion, Pilea, Poplar, Purple Hyacinth, Rose, Sedum, Snapdragon, Soft Maple, Verbena

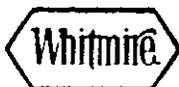
Sumithrin ME has demonstrated excellent control on many plants listed above; however, all varieties of the plants listed have not been tested. When treating large numbers of a single variety, spray a few plants and test for toxicity prior to full scale application.

PEST CONTROL OUTDOORS

Perimeter Treatment - Residual spray for control of Ants, Carpenter Ants, Cockroaches, Crickets, Fleas, and Ticks

(See other side for ad)

BEST COPY AVAILABLE



Sumithrin ME

Apply a 0.25% to 0.5% Sumithrin ME spray to exterior surfaces of buildings, porches, screens, window frames, eaves, patios, garages, and other areas where these pests congregate or enter premises.

To help prevent infestations of buildings by the above pests, treat a band of soil 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Sumithrin ME may be applied in compressed air equipment or power spray equipment. Apply as a coarse spray to thoroughly and uniformly wet the band area. A rate of 4 to 6 ounces of Sumithrin ME per 1,000 square feet is desirable.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Do not remain in treated area and ventilate the area after treatment is completed. Avoid breathing of vapor. Avoid contact with skin, eyes or clothing. Wash thoroughly after using and before smoking or eating. Remove contaminated clothing and wash before reuse. Keep out of reach of children. Do not apply to humans, their clothing or bedding. Do not allow children or pets to contact treated surfaces until spray has dried. Do not contaminate food or use on household pets. Cover fish tanks prior to application. Do not spray where electrical short circuits might result, such as wall outlets, conduits, etc.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, birds, and other wildlife. 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 wastes. Apply this product only as specified on this label.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container only, preferably in a locked storage area. Do not store in a manner where cross contamination with other pesticides, fertilizer, food or feed could occur. If spilled during storage or handling,

soak up spillage with absorbent material and dispose of in accordance with Pesticide Disposal instructions listed below.

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LIMITATION OF LIABILITY

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A Prescription Treatment® Brand Insecticide from:

Whitmire Research Laboratories, Inc.
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800-325-368

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Label No. TC94sup dft