

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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- ... in connection with ... of the Federal ...
- ... the following ...
- Acute Oral Toxicity, Guideline Reference No. (GRN) 81-1;
 - Acute Dermal Toxicity, GRN 81-2;
 - Acute Inhalation Toxicity, GRN 81-3;
 - Primary Eye Irritation Toxicity, GRN 81-4;
 - Primary Dermal Irritation Toxicity, GRN 81-5; and
 - Dermal Sensitization, GRN 81-6.

These studies must be submitted by August 11, 1990.

50511:I/C:Mendelsohn:C.Disk:KENCO:08/10/89:dg:SW:VO:EK:AS


CONCURRENCES

SYMBOL								
SURNAME								
DATE								

2. Submit a complete product chemistry data matrix filled out according to the enclosed guide.

If the conditions of this amendment are not complied with after acceptance, the registration will be subject to cancellation in accordance with FIFRA section 6(e).

Sincerely yours,



Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

RESEARCH LABORATORIES, INC.
3568 TREE COURT INDUSTRIAL BOULEVARD / SAINT LOUIS, MISSOURI 63122

Whitmire

LABEL NO. 18 *402 REV. 4.87

PT[®] 1400 Sumithrin

Directed Spray Insecticide Aerosol Generator

Broad spectrum synthetic pyrethroid.
SPRAYS IN ANY POSITION

DIRECTIONS FOR USE

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

INDOORS: FLORAL SHOPS, GARDEN CENTERS, GREENHOUSES, INTERIORSCAPES

For light infestations treat at five seconds per 100 square feet. For heavy infestations treat at ten seconds per 100 square feet.

Dosage based on 2 foot high plants. Lower or higher dosage should be given based on height of foliage. Move can in a fast sweeping motion to provide maximum coverage maintaining a distance of 24-36 inches away from foliage.

Spot Treatment: For individual plants and localized infestations. Spray light mist on upper and lower leaf surfaces at a distance of 24-36 inches away from foliage. Avoid wetting foliage with spray. Repeat application as necessary.

OUTDOORS: LANDSCAPES, NURSERIES, ORNAMENTAL PLANTS, SHRUBS

To protect outdoor ornamentals when spraying, keep can 24 inches from plant. For best results, spray in evening or on a cloudy day when air is still. Use slow sweeping motion. Avoid wetting foliage with spray. Spray rows at the rate of one foot per second. For heavy growth, spray row on both sides. Repeat when necessary. Spray with caution on growing plants and new growth. Do not spray when temperatures exceed 90°F.

FOR USE INDOORS AND OUTDOORS ON, BUT NOT LIMITED TO

Air Plant, Aloes, Anthony Wanderer, Asparagus Fern, Begonias, Blue Spruce, Boston Fern, Cactus, Carnations, Cassia, Cereus, Chlorophytum, Christmas Cactus, Coleus, Dusty Miller, Dwarf Lilac, Gardenia, Geraniums, Honeyuckle, Impatiens, Mock Orange, Moses in the Cradle, Mugho Pine, Ornamental Crab Apple, Ornamental Peppers, Peperomia, Plumeria, Juniper, Philodendrons, Poinsettias, Potka Pot Plant, Poplar, Sanseveria, Shrimp Plant, Snowball, Soft Maple, Spirea, Swedish Ivy, Velvet Leaf, Wandering Jew, Wild Grape.

IMPORTANT NOTICE: Do not use on poinsettias once bracts begin to show color.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in a cool area away from heat or open flame.

PESTICIDE DISPOSAL: Pesticide that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

CONTAINER DISPOSAL: Replace cap and discard empty container in trash, sanitary landfill, or by other approved state and local procedures. Do not incinerate or puncture.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May cause skin irritation. Harmful if swallowed, inhaled, or absorbed through skin. Avoid inhalation of spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Remove pets, birds, and cover fish aquariums before spraying. Do not remain in treated area and ventilate area after treatment is completed.

NOTICE TO APPLICATOR: When spraying large greenhouse ranges or when subject to extended inhalation exposure wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the Provisions of 30 CFR Part II.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS: Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

SPECIAL NOTE: Good greenhouse management must override the use of PT 1400 when any conditions might be created by tightly closing greenhouses that would harm plant foliage or flowers. Example: creation of high temperature or humidity conditions. Do not use PT 1400 in greenhouses with unvented or defective gas heating systems or when open combustion exists.

ADDITIONAL WARNINGS: Contents of container must be at room temperature before use. Therefore, cans must be stored at room temperature (above 65°F) for 24 hours before application. Make sure spray is unobstructed above units by foliage or other physical objects in order to obtain maximum distribution of fog.

This product has demonstrated excellent plant safety, however, all varieties of the plants listed 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.

©Whitmire Research Laboratories, Inc.
St. Louis, MO 63122

Whitmire

PT[®] 1400

Sumithrin

Directed Spray Insecticide Aerosol Generator

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

KILLS: Ants, Aphids, Boxelder Bugs, Caterpillars, Crickets, Firebrats, Lacebugs, Mealybugs, Mosquito Larvae, Southern Army Worm Larvae, Sowbugs, Whiteflies.

May be used on: Potted and Flowering Plants, Plants, Cut Flowers and Ornamentals.

ACTIVE INGREDIENTS:

*3-Phenoxybenzyl d-cis and trans** 2,2 dimethyl (2-methylpropenyl) cyclopropane carboxylate

*Other isomers
N-octylbicycloheptene dicarboximide

INERT INGREDIENTS:

*d-cis, trans Phenanthrin
**cis/trans isomer ratio: Max. 25% (+/-) cis
75% (+/-) trans

This product contains the active ingredient Methylene Chloride.

EPA Reg. No. 499-209 EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting because of asphyxiation. Seek medical attention.

If in eyes: Flush with plenty of water. Get medical attention.

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

If inhaled: Remove patient to fresh air. Apply artificial respiration if breathing has stopped.

See side panel for additional precautions.

*Sumithrin is a Registered trademark of St. Louis, MO

Only for Sale to, Use and Storage by Commercial Users

NET WEIGHT: 18 OZ.

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