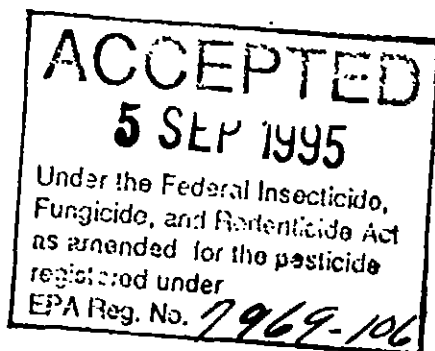


BASF



RT Date: 7-28-95

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GR _____

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Sanmite®

miticide/insecticide

Active Ingredient:

Pyridaben [2-tert-butyl-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one].....75%

Inert Ingredients:.....25%

Total100%

Plus water-soluble packaging

EPA Reg. No. 7969-106

KEEP OUT OF REACH OF CHILDREN.

DANGER-PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

Statement of Practical Treatment

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If swallowed: Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Get medical attention.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER: Corrosive, causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. May be fatal if inhaled. Do not breathe dust or spray mist. Wear a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse. Harmful if swallowed or absorbed through skin. Avoid contact with skin. Wash thoroughly with soap and water after handling.

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** for information about this standard.

Net Contents: 0.25 pound (4 x 1-ounce water-soluble bags)

BASF Corporation

P.O. Box 13528, Research Triangle Park, NC, 27709

Specimen Label

Personal Protective Equipment Applicators and Other Handlers Must Wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Protective eyewear
- Shoes plus socks
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Keep out of lakes, ponds, or streams. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area. Drift or runoff from treated areas may be hazardous to fish in adjacent sites. This product is toxic to bees. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers, or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the state agency responsible for pesticide regulation.

For end use only. Do not repackage or reformulate without manufacturer's written approval.

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, 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 in this labeling about personal protective equipment, restricted entry intervals, and notification to workers.

Do not enter or allow worker entry into treated areas during the restricted-entry interval of 12 hours. 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, wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

Storage and Disposal

Storage: Store in a cool, dry place. Do not remove package from container except for immediate use. If exposed to moisture, the PVA bags will break. Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of pesticide spray mix or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact your state pesticide or environmental control agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

Container Disposal: The inner and outer packaging should be incinerated or disposed of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not re-use empty container.

In Case of Emergency

In case of large-scale spillage regarding this product, call:

CHEMTREC 800-424-9300
BASF Corporation 800-832-HELP

In case of medical emergency regarding this product, call:

1. Your local doctor for immediate treatment.
2. Your local poison control center (hospital).
3. BASF Corporation 800-832-HELP

Steps to be taken in case material is released or spilled:

Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing and wash affected skin areas with water. Wash clothing before re-use. Keep spill out of all sewers and open bodies of water.

General Information

This package contains **Sanmite® miticide/insecticide**, a 75% wettable powder, in water-soluble bags to control mites and whiteflies in greenhouses on ornamental plants, and flower and foliage crops. The **Sanmite** solution is prepared by placing the 1 oz. PVA bags into water where they dissolve so the contents can disperse. After removing the PVA pouches required for application, reseal the bag making sure that the child proof tab is engaged. Do not handle PVA bags excessively or expose them to moisture as this may cause breakage. Pouches should not become wet prior to adding to the spray tank. Do not handle the pouches with wet hands or wet gloves. Always reseal the overwrap bag to protect the remaining unused pouches.

Do not remove water-soluble pouches from overwrap except to add them directly to the spray tank. While agitating, add the required number of PVA pouches as determined by the dosage recommendations. The time required for the pouches to dissolve will depend on water temperature and the degree of agitation.

Do not place the PVA pouches directly in diesel oils, dormant or summer-spray-type oils. PVA pouches are water soluble, not oil soluble.

Sanmite controls mite pests and whiteflies, and may also control or suppress other insects when used at recommended rates.

Sanmite works primarily through contact action, so good spray coverage is necessary. Treat plants when pests are immature or at a susceptible stage and populations are building, before crop damage occurs.

Sanmite provides excellent knock-down and residual control. A good evaluation of performance can generally be made 4-7 days after treatment.

Do not use **Sanmite** in successive miticide applications in the same greenhouse. Allow at least 2 different chemicals to be used between treatments of **Sanmite**.

Dilute **Sanmite** in enough water to provide thorough spray coverage.

Specific Directions For Use

Fill the spray tank approximately half full, start agitation, and add the required number of water-soluble pouches to the tank. Continue agitation while filling tank to the desired spray volume. Allow the pouches to completely dissolve before spraying.

If foaming occurs, an antifoaming agent may be used.

The phytotoxic potential of **Sanmite® miticide/ insecticide** has been assessed on a wide variety of common ornamental plants with no phytotoxicity observed. However, all plant species and their varieties and cultivars have not been tested with possible tank mix combinations, sequential pesticide treatments, and adjuvants and surfactants. Local conditions can also influence crop tolerance and may not match those under which BASF has conducted testing. Therefore, before using **Sanmite**, test the product on a sample of the crop to be treated to ensure that a phytotoxic response will not occur as a result of applications.

Restrictions and Limitations

Do not apply this product as a smoke, mist, fog, or aerosol.

Do not apply this product on crops grown in lath houses.

Do not enter the entire enclosed area (treated area) without protective equipment for 12 hours unless one of the following items is completed:

1. Ten air exchanges
2. Two hours of system ventilation
3. Four hours of ventilation using vents, windows, or other passive ventilation
4. Eleven hours with no ventilation followed by 1 hour of mechanical ventilation
5. Eleven hours with no ventilation followed by 2 hours of passive ventilation
6. All required PPE is worn.

Do not apply this product through any type of irrigation system.

Do not exceed 10.56 ounces per acre, per application.

Do not use any adjuvants when applying this product, except as specifically recommended on this labeling.

Do not use **Sanmite** with nutritional sprays containing boron. Boron will prevent the PVA bags from dissolving in water.

Table 1. Recommended Application Rates for Sanmite Miticide/Insecticide Greenhouse Grown Ornamental Trees, Shrubs, Plants, and Flowers

Pest	100 Gallons	Specific Directions
Two-spotted spider mites Broad mite European red mite	2-4 bags (2-4 oz.)	Use enough water to thoroughly cover the foliage.
Whiteflies	4-6 bags (4-6 oz.)	
Each soluble PVA bag contains 1.0 ounce of Sanmite . Do not exceed 0.66 pound (10.56 ounces) of product per treated acre, per application.		

List of Plant Species Tested for Tolerance to Sanmite® miticide/insecticide*

Common Name	Scientific Name
Ageratum, Blue Blazer	<i>Ageratum houstonianum</i>
Aluminum Plant	<i>Pilea cadierei</i>
Alyssum, White	<i>Lobularia maritima</i>
, Royal Carpet	
Arborvitae, American	<i>Thuja occidentalis, smaragd</i>
Aster, Rainbow	<i>Aster sp.</i>
, Solidako	
Azalea, Coral bells	<i>Azalea sp.</i>
, Herbert	
, Purple Splendor	
, Heiwa	
, Pleasant White	
, White Gumpo	
Barberry, Japanese Red Leaf	<i>Berberis thunbergii (atropurpureum nana)</i>
Begonia, White	<i>Begonia semperflorens</i>
, cocktail Vodka	
, Preclude White	
Boxwood, Japanese	<i>Buxus japonica</i>
Bridal wreath	<i>Spiraea prunifolia</i>
Caladium	<i>Caladium sp.</i>
Carnation, Pallas Londerga	<i>D. caryophyllus</i>
, Pink Candy	
Celosia, dwarf mixed	<i>Celosia argenta</i>
Chrysanthemum, Capri	<i>Chrysanthemum morifolium</i>
, Charm	
, Coronet	
, Emily	
, Garden Type	
, Ice Flow	
, White Diamond	
Christmas cactus	<i>Schlumbergera bridgesii</i>
Cimmaron	<i>Medicago sativae</i>
Coleus, Scarlet Wizard	<i>Coleus hybridus</i>
Cosmos	<i>Cosmos sp.</i>
Croton, Pictum	<i>Codiaeum variegatum</i>
Cyclamen, Red	<i>Cyclamen persicum</i>
, White	
Cypress family	<i>Chamaecyparis pisifera</i>
Dahlia	<i>Dahlia sp.</i>
Dianthus, Pink	<i>Dianthus sp.</i>
, Telstar Lavender	
, Telstar White	
Dieffenbachia	<i>Dieffenbachia sp.</i>
Dumb cane	
Dusty Miller	<i>Centaurea cinerarea</i>
Dracaena	<i>Dracaena marginata</i>
Fern, Pteris	<i>Pteris biaurita</i>
, Asparagus	<i>Asparagus selaceus</i>
, Maidenhair	<i>Adiantum sp.</i>
Fuchsia	<i>Fuchsia sp.</i>
Gardenia, August beauty	<i>Gardenia jasminoides</i>
Geranium, Scarlet Orbit	<i>Geranium sp.</i>
Gerbera Daisy, Swift	<i>Gerbera sp.</i>
Gloxinia	<i>Sinningia speciosa</i>
Gold Dust Plant	<i>Aucuba sp.</i>
Goldfish plant	<i>Allopectus nummalaria</i>
Hibiscus, Brilliant Red	<i>Hibiscus sp.</i>
, Cheri	
, Dwarf Orange	
, Enterde	
, Nairobi	
, Pink Versicolor	
, President	
, Sundance	
, Tangerine	
, Yellow Butterfly	
Holly, Chinese	<i>Ilex cornuta, Burfordii</i>
, Burford	
, Japanese	
Impatiens, New Guinea hybrids	<i>Impatiens wallerana</i>
, Celsia high energy	
, Sunshine	

* Local conditions can influence crop tolerance, and may not match those under which these species were tested. Before using Sanmite, test the product on a small sample of the crop to be treated.

List of Plant Species Tested for Tolerance to Sanmite® miticide/insecticide* (continued)

Common Name	Scientific Name
Iris, Miniature	<i>Iris</i> sp.
Ivy, Cascade	<i>Hedera helix</i> , <i>Epipremnum aureum</i>
English	
Pothos	
Spade	
Juniper, Creeping Blue chip	<i>Juniperus horizontalis</i>
Japanese spindle tree	<i>Euonymus japonica</i> ,
, silver king	<i>E. aureo variegata</i>
Kalanchoe	<i>Kalanchoe</i> sp.
Lily, Easter	<i>Lilium x longiflorum</i>
Lily, Calla	<i>Zantedeschia</i> sp.
Lily, Orange pixel	<i>Lilium longiflorum</i>
Lily, Peace	<i>Spathiphyllum</i> sp.
Mauna Loa	
Lobelia, Blue spy	<i>Lobelia</i> sp.
Mandevilla, Pink	<i>Mandevilla</i> sp.
Marigold, Bonanza Flame	<i>Tagetes erecta</i>
, Crackerjack	
, Discovery Yellow	
, First Lady Orange	
, Petite Yellow	
, Yellow Boy	
Palm	<i>Chamaedorea elegans</i>
Pansy, Johnny-Jump-Up	<i>Viola tricolor</i>
, Crystal Bowl	
Petunia, Harmony Boy	<i>Petunia hybrida</i>
, White Cascade	
, White Madness	
Phlox, Summer	<i>Phlox paniculata</i>
Photinia, red tip	<i>Photinia fraseri</i>
Piggyback plant	<i>Tolmiea menziesii</i>
Pinks (Dianthus)	<i>Hypoestes phyllostachya</i>
Pink Splash	<i>Dianthus plumarius</i>
Pittosporum	<i>Pittosporum</i> sp.
Poinsettia, Annette Hegg (Dark Red,	<i>Euphorbia pulcherrima</i>
Hot Pink, Lady, Marble)	
, Angelika White (Marble)	
, Brilliant Diamond	
, Celebrate	
, Cheers	
, Dasher	
, Freedom Red	
, Jingle Bells 3	
, Jolly Red	
, Lilo	
, Marjo Rose, White	
, Morel	
, Peace Frost	
, Pink Peppermint	
, Success Red	
, Supjibi	
, V-14 (Glory)	
, V-17	
Ponytail plant	<i>Beaucarnea recurvata</i>
Poppy,	<i>Papaver</i>
Prayer plant	<i>Maranta leuconeura</i>
Primrose	<i>Primula</i> sp.
Privet, Royal Mix	<i>Ligustrum recurvifolia</i>
Privet	<i>Ligustrum sinensis</i>
Rose moss	<i>Portulaca</i> sp.
Rhododendron, English Roseum	<i>Rhododendron</i> sp.
Rose, Climbing	<i>Rosa</i> sp.
, Hybrid Tree	
, Miniature	
, Grandforas	
, Floribunda	
, Polyanthas	
Salvia, Landscaper	<i>Salvia splendens</i>
, Red Hot	
, Red Landscaper	
, St. John's fire	
, Victoria	

* Local conditions can influence crop tolerance, and may not match those under which these species were tested. Before using Sanmite, test the product on a small sample of the crop to be treated.

List of Plant Species Tested for Tolerance to Sanmite[®] miticide/insecticide* (continued)

Common Name	Scientific Name
Schefflera	<i>Schefflera actinophylla</i>
Snapdragon, Dwarf Mixed	<i>Antirrhinum majus</i>
, Maryland Gold	
, Potomacs, Super Tetra Mix	
Spruce, Norway Nest	<i>Picea abies, nidiformis</i>
Tobacco, Ornamental	<i>Nicotiana sp.</i>
Verbena, Blaze	<i>Verbena hybrids</i>
, Garden	
, Lemon	
, Scarlet Romance	
Vinca, Little Blanche	<i>Vinca sp.</i>
, Periwinkle	
Violet, African	<i>Saintpaulia ionantha</i>
Wandering Jew	<i>Tradescantia albiflora</i>
Zinnia, Scarlet Flame	<i>Zinnia elegans</i>
, Giant Cactus	
, Liliput	
, Dreamland	

* Local conditions can influence crop tolerance, and may not match those under which these species were tested. Before using **Sanmite**, test the product on a small sample of the crop to be treated.

Conditions of Sale and Warranty
The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result, because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

U.S. Patent Pending

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