

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

7969-106

DATE OF ISSUANCE

17 OCT 1994

NOTICE OF PESTICIDE: ☒ REGISTRATION
☐ REREISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE

Unconditional

NAME OF PESTICIDE PRODUCT

Sanmite™ 75 WP miticide/insecticide

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Reg # 7969-106

PM-10

199

BASF Corporation

P.O. Box 13528

Research Triangle Park, North Carolina 27709-3528

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)(B).

1. Make the following labeling revisions prior to releasing the product for shipment.

- a. Add the phrase "EPA Registration Number 7969-106" to the label.
- b. Ensure that the label text is checked for correct spelling.
- c. Revise the statement "Do not contaminate water by cleaning of equipment or disposal of waste" to read as follows: Do not contaminate water when disposing of equipment washwaters.
- d. The paragraph which begins "Do not apply this product in a way...." and the paragraph which begins "For any requirements specific to your state or tribe..." should be removed from the **Agricultural Use Requirements** box and relocated such that they directly follow the statement "It is a violation of Federal Law....".

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Mr. Marion J. Johnson, Jr., Acting Product Manager 10

DATE

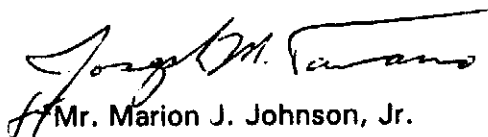
October 17, 1994

299

2. Submit one (1) copy of your final printed labeling prior to releasing the product for shipment. Refer to the A-79 enclosure for a detailed description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the product label is enclosed for your records.

Sincerely,



Mr. Marion J. Johnson, Jr.
Acting Product Manager 10
Insecticide-Rodenticide Branch
Registration Division

BASF

September 16, 1994

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Sanmite™ 75 WP

miticide/insecticide

Miticide/Insecticide

Miticide/Insecticide wettable powder formulation for control of mites and whiteflies in greenhouses on ornamental plants, and flower and foliage crops.

Wettable powder formulation containing:

Active Ingredient: Pyridaben
 [2-tert-butyl-5-(4-tert-butylbenzylthio)
 -4-chloropyridazin-3(2H)-one] 75%
 Inert Ingredients 25%
 Plus Water-soluble Packaging

EPA Registration No. 7969-

EPA Est. No. xxx

ACCEPTED
 with COMMENTS
 in EPA Letter Dated

17 OCT 1994

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

7969-1062

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. (English Translation, also)

Statement of Practical Treatment

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

If inhaled: Remove victim to fresh air. Apply artificial respiration, if indicated.

If swallowed: Call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to unconscious person.

If on skin: Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation occurs.

Precautionary Statements

HAZARD TO HUMANS AND DOMESTIC ANIMALS.

DANGER: Corrosive, causes eye damage. Do not get in eyes. Wear goggles or face shield when handling. Do not breathe dust, vapor, or spray mist. Avoid contact with skin, eyes or clothing.

Net contents: 1 lb (16-1.0 oz water-soluble bags)

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

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Personal Protective Equipment

Applicators and Other Handlers Must Wear:

Long-sleeved shirt and long pants

Waterproof gloves

~~Chemical-resistant boots~~

~~Chemical-resistant hat~~

~~Long-sleeved cotton coveralls~~

~~Eye-protection protective eyewear~~

Respirator with either

an organic vapor-removing cartridge with prefilter approved for pesticide (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) for exposures in enclosed areas.

Just mist filtering respirator (MSHA/NIOSH)

User Safety Recommendations

Do not eat, drink, smoke or chew gum or tobacco while handling this product and until hands and face are thoroughly washed with soap and water. Do not use the toilet before thoroughly washing hands.

If product penetrates through your clothing or personal protective equipment, stop handling this product immediately, remove the clothing and equipment, wash body thoroughly, and put on clean clothing and equipment before resuming the handling activity.

After handling this product, remove personal protective equipment immediately. Wash the outside of gloves before taking them off. Shower or wash thoroughly and change into clean clothing as soon as possible.

Discard clothing and personal protective equipment that cannot be reused. Wash clothing and personal protective

equipment (including both the inside and outside of gloves) before each day of reuse according to manufacturer's directions or, if no such direction, in detergent and hot water. Keep and wash them separately from other laundry.

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 by cleaning of equipment or disposal of wastes. 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. For and use only. Do not repackage or reformulate without manufacturer's written approval.

Greenhouse 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 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, consult the state agency responsible for pesticide regulation.

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, respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) for exposures in enclosed areas.

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

General Directions

This box contains

Sanmite™ 75WP

miticide/insecticide, a 75% wettable powder, in water-soluble bags. Inner bags dissolve in water and contents disperse. After opening outer box, open foil liner over mixing

revise to standard language

429

MSHA approval number prefix TC-23C

USER SAFETY RECOMMENDATION

no respirator necessary for re-entry

599

tank and immediately dump entire unopened inner bags into the mixing tank. Do not handle soluble bags or expose them to moisture since this may cause breakage.

Sanmite 75WP controls mite pests, and controls or suppresses insects when used at recommended rates. **Sanmite 75WP** works primarily through contact action, so good spray coverage is necessary. Treat when pests are immature or at a susceptible stage, and populations are manageable, before crop damage occurs. Repeat application as needed. **Sanmite 75WP** provides good residual control, but may appear to work more slowly on some species than several other products. A good evaluation of performance can generally be made three to four days after treatment. Where heavy populations are present, repeat applications can be made at 7- to 14-day intervals. Growth dilution, climatic variables, and pest habits determine retreatment needs.

Dilute **Sanmite 75WP** in sufficient water to give thorough spray coverage based on local crop protection experience. When **Sanmite 75WP** is tank mixed with other crop protection or production products, add powders to the tank first, using good agitation. Check for chemical and physical compatibility prior to use.

For best results under varying conditions, a range of use rates is recommended. The higher rates must be selected when pest pressure or potential damage is severe. The lower rates often give acceptable economic results.

Consult your local extension office, pest management

consultant or a BASF specialist for guidance in selecting a rate and timing schedule or tank mix combination that has demonstrated good performance under specific conditions.

The enclosed pouches of **Sanmite 75WP** miticide/insecticide are water-soluble. Do not allow pouches to become wet prior to adding to the spray tank. Do not handle the pouches with wet hands or wet gloves. Always reseal overwrap bag to protect remaining unused pouches. Do not remove water-soluble pouches from overwrap except to add directly to the spray tank.

Always place **Sanmite 75WP** miticide/insecticide into solution prior to adding co-applied agricultural chemicals registered for use on specific crop or crops being treated. Add the required number of unopened pouches as determined by the dosage recommendations into the spray tank with agitation. Time for pouches to dissolve will depend on water temperature and the degree of agitation. Do not attempt to use the PVA pouches directly in diesel oils or summer-spray-type oils as in ULV or LV use. PVA pouches are water-soluble not oil-soluble.

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 mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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: Empty cardboard storage boxes for the PVA bag formulation 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 involving this product, call:

CHEMTREC 800-424-9300
BASF 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 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.

699

Recommended Application Rates

Sanmite 75WP Miticide/Insecticide

Greenhouse Grown Ornamental Trees, Shrubs, Plants, and Flowers

Table 1.

Sanmite 75WP Miticide/Insecticide in Water - Make			
Pest	100 Gallons	25 Gallons	Specific Directions
Two-spotted spider mites Broad mite European red mite	2-4 bags (2-4 oz)	1 bag (1 oz)	Use sufficient water to thoroughly cover the foliage. Use lower rates for light to moderate insect/mite pressure. Use higher rates for heavy insect/mite pressure.
Whiteflies	4-6 bags (4-6 oz)	2 bags (2 oz)	
Each soluble PVA bag contains 1.0 oz product Do not exceed 0.66 lb (10.56 oz) of product/treated acre/application			

Specific Directions

Place PVA bags in spray tank before adding water. Add water using a jet hard enough to thoroughly wet and agitate bags. Once full let tank sit for 2 minutes to insure bags thoroughly dissolve. Agitate contents and apply to foliage, using sufficient water to insure thorough coverage.

Sanmite 75WP miticide/insecticide has been tested on many species of ornamental plants. The species listed below have shown no phytotoxic response to Sanmite 75WP; however, not all cultivars

have been tested and conditions may vary between greenhouses. It is possible that certain cultivars and local conditions may result in phytotoxicity and it is advised that a small number of plants be treated prior to application to the entire planting. Sanmite 75WP may leave visible residues when used at high rates. See Restrictions and Limitations.

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:

1. Ten air exchanges are completed; or
2. Two hours of ventilation system; or
3. Four hours of ventilation using vents, windows, or other passive ventilation or;
4. Eleven hours with no ventilation followed by 1 hour of mechanical ventilation or;
5. Eleven hours with no ventilation followed by 2 hours of passive ventilation.

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

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List of Plant Species Tested for Tolerance to Similita 75W/P

729

Scientific Name	Common Name
<i>Aucuba</i> sp.	gold dust plant
<i>Antirrhinum majus</i> 'dwarf mixed'	snapdragon
<i>Antirrhinum majus</i> 'super tetra mix'	
<i>Azalea kurume</i>	azalea, coral
<i>Azalea</i> sp. 'Herbert'	azalea
'Purple Splendor'	
'Heiwa'	
'Pleasant White'	
<i>Beaucarnea recurvata</i>	ponytail plant
<i>Begonia semperflorens</i> 'white'	begonia
'cocktail Vodka'	
<i>Barberis thubergii</i> 'atropurpureum nana'	barberry, Japanese
<i>Brassia microphylla</i>	schefflera
<i>Buxus japonica</i>	boxwood, Japanese
<i>Caladium</i> sp.	caladium
<i>Celosia argenta</i> 'dwarf mixed'	celosia
<i>Centaurea cineraria</i>	dusty miller
<i>Chaenomeles japonica</i> 'Red'	flowering quince
<i>Chamaecyparis pisifera</i>	cypress family
<i>Chamaedorea elegans</i>	palm
<i>Chrysanthemum morifolium</i> 'Capri'	chrysanthemum
'Charm'	
'Garden Type'	
'Coronet'	
<i>Codiaeum variegatum</i> 'Pictum'	croton
<i>Coleus hybridus</i>	coleus
<i>Cosmos bipinnatus</i>	cosmos
<i>Cyclamen persicum</i> 'Red'	cyclamen
'White'	
<i>Cynodon dactylon</i>	Bermuda grass
<i>Dahlia</i> sp.	dahlia
<i>Dianthus plumarius</i>	pink
<i>Dirffenbachia</i> sp.	dumb cane
<i>Dracaena marginata</i>	dracaena
<i>Epipremnum aureum</i>	pothos ivy
<i>Euonymus japonica</i> 'aureo variegata'	Japanese spindle tree
'silver king'	
<i>Euphorbia pulcherrima</i> "Ilo"	poinsettia
<i>Gardenia jasminoides</i> 'August beauty'	gardenia
<i>Geranium</i> sp. 'Scarlet orbit'	geranium
<i>Gerbera</i> sp.	gerbera daisy
<i>Hedera</i> sp.	hedera
<i>Hibiscus</i> sp. 'Dwarf orange'	hibiscus
<i>Hypocyrta glabra</i>	goldfish plant
<i>Ilex cornuta</i> 'Burfordii'	holly, Chinese
<i>Impatiens</i> sp. 'Sunshine'	impatiens
<i>Impatiens linearifolia</i> "Celsia"	New Guinea Impatiens
<i>Iris</i> sp.	miniature iris
<i>Juniperus horizontalis</i> 'Blue chip'	juniper, creeping
<i>Kalanchoe</i> sp.	kalanchoe

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999

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 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

Sanmite is a trademark of Nissan Chemical Industries, Ltd.

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