

December 26, 1995

Whitmire Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122

Attention: Mr. Michael G. Sarli

Subject: PT 1300 DS Orthene Directed Spray Insecticide
EPA Registration No. 499-380
Your amended application of April 26, 1994

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the following labeling changes and submit to us one (1) copy of them before you ship product:

1. **According to your submission, this product is in Toxicity Category IV for inhalation and oral routes of exposure.** If this information is correct, you do not need the "Harmful if swallowed" or "IF SWALLOWED" text in your "Statement of Practical Treatment", which can be changed to "FIRST AID".

Further, according to 40 CFR 156.212 (Table 1), it would appear that you could delete all statements about respiratory protection.

[You currently have a respiratory statement on this label, which your company had included voluntarily at the time of registration in 1993. In this amended application of April 26, 1994, you propose to upgrade those respiratory statements, as required by the WPS Regulations, to specify the type of respiratory protection.]

However, because of the low inhalation toxicity, there would appear to be no basis for inclusion of respirator protection. If you feel that respiratory protection is appropriate, after studying your acute inhalation toxicity data and the WPS Regulations, we suggest that you revise your statements accordingly with any supporting information. We will then have the appropriate personnel review those statements.]

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2. Modify the first sentence in your "FIRST AID" text as follows:

This product is an organophosphate pesticide that inhibits cholinesterase.

3. Put a box around your "Agricultural Use Requirements" section.
4. Change the Restricted Entry Interval (REI) from 24 to 12 hours, according to Supplement Three-A of PR Notice 93-7.
5. For your two lists of Personal Protective Equipment (PPE), list one below the other so that are easily identified.

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 bearing the amended labeling constitutes acceptance of these conditions.

If you have questions about this letter, please contact Mr. Dan Peacock at 703-305-5407. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

- Enclosures: 1. Stamped label
2. A-79 Enclosure

Peacock WP#8:A:499-380:305-5407,-6600:12/26/95

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3 of 4

ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 26 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act, registered for the pest control under EPA No.



499-380

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 agency responsible for pesticide regulation.

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 exemptions 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 level (REL) of 24 hours. PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involve contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, Chemical-resistant gloves such as Barrier laminate or Butyl rubber ≥ 14 mils or Nitrile or Neoprene rubber ≥ 14 mils or PVC ≥ 14 mils or Viton ≥ 14 mils or waterproof gloves, shoes plus socks, and protective eyewear.

INDOORS: COMMERCIAL GREENHOUSES: 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 18 to 24 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 18-24 inches away from foliage. Avoid wetting foliage with spray. Repeat application as necessary.

FOR USE INDOORS ON:
Flowering and/or Ornamental Bedding plants (such as): impatiens, marigolds, petunias, geraniums, and garden mums. Cut flowers (such as): roses, chrysanthemums, carnations, snapdragons, and orchids.
Flowering hanging baskets (such as): fuchsia, lantana, New Guinea impatiens, ivy, and geraniums.
Foliage (such as): Boston fern, dracaena, ficus, schefflera, and philodendron.
Potted flowering plants (such as): poinsettia, chrysanthemums, florist's azaleas, lilies, African violets, geraniums, hibiscus, kalanchoes, and begonias.
Ornamentals (such as): azalea, barberry, cotoneaster, euonymus, holly, ilex, juniper, oak, pine, rhododendron, roses, spiraea, spruce, viburnum and yew.

OUTDOORS: 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 plants on all sides. Repeat when necessary. Spray with caution on growing plants and new growth. Do not spray when temperatures exceed 90°F.

FOR USE OUTDOORS ON:
Flowering Plants (such as): alyssum, begonia, chrysanthemum, geranium, impatiens, ivy, marigold, mock-orange, periwinkle, petunia, savia, snapdragon, zinnia.
Woody Ornamentals (such as): azalea, geranium, euonymus, honeysuckle, juniper, lilac, rhododendron, rose.
Ornamental Trees (such as): blue spruce, dogwood, maple, oak.

Do not apply to fruits and vegetables. Do not apply to American Elm, Flowering Crabapple, Sugar Maple, and Cottonwood, as foliage injury may occur.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store in a cool dry place away from heat or open flame.
PESTICIDE DISPOSAL: Pesticides 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: Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield, or safety glasses. Harmful if swallowed. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling. When used indoors, do not remain in treated area and ventilate area after treatment is completed.

PERSONAL PROTECTIVE EQUIPMENT: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.
APPLICATOR AND OTHER HANDLERS MUST WEAR: Long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier laminate or Butyl rubber ≥ 14 mils or Nitrile or Neoprene rubber ≥ 14 mils or PVC ≥ 14 mils or Viton ≥ 14 mils, shoes plus socks, protective eyewear, and a 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 RC-14G).
Follow manufacturer's instructions for cleaning/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 to clean clothing.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

SPECIAL NOTICE: Good greenhouse management must overrule the use of PT® 1300 when any conditions might be created by tightly closing greenhouse that would harm plant foliage or flowers. Example: Creation of high temperatures or humidity conditions. Do not use PT® 1300 in greenhouses with unvented or defective gas heating systems or when open combustion exists.

ADDITIONAL PRECAUTIONS: 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.

ADDITIONAL WARNINGS: 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.

LIMITATION OF LIABILITY
Use only as directed. Buyer assumes all risks in using or handling this product in any way. WHITMIRE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. IN NO CASE SHALL WHITMIRE BE LIABLE FOR CONSEQUENTIAL, SPECIAL, INCIDENTAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. DAMAGES FROM THE USE OF THIS PRODUCT ARE EXPRESSLY LIMITED TO REPLACEMENT OF THE PRODUCT OR REFUND OF THE PURCHASE PRICE.

A Prescription Treatment® Brand Insecticide from:
Whitmire Research Laboratories, Inc.
3568 Tree Court Ind. Blvd.
St. Louis, MO 63122
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PT® 1300

Ortho

Directed Spray

FOR USE: Indoors: Commercial Landscaping
Outdoors: Commercial Landscaping

KILLS: Aphids, Bagworms, Caterpillars, Cutworms, Fall Webworms, Fungus Gnats, Lacebugs, Leafminers, Leafrollers, Scale, Spider Mites, Termites, Whiteflies.

MAY BE USED ON: Flowering and Ornamental Plants, Cut Flowers, Flowering Potted Flowering Plants and Ornamentals.

Not for use in or around the home.

*Ortho is Reg. TM of the Chevron Corporation. Pat. No. 3,914,417

ACTIVE INGREDIENT:
Acephate (O,S-Dimethyl Acetylphosphorothioate)

INERT INGREDIENTS:

Contains no CFCs or other ozone depleting substances or CFC propellants in aerosols.

EPA Reg. No. 499-380 EP

KEEP OUT OF REACH OF CHILDREN

WARNING

AVIS

Si usted no entiende la etiqueta, busque a alguien para obtener la información en detalle. (If you do not understand the label, find someone to help you.)

STATEMENT OF PRACTICE

This product contains an organophosphorus insecticide. IF SWALLOWED: Call a physician immediately. Gastric lavage may be taken internally. DO NOT INDUCE VOMITING. IF IN EYES: Flush with plenty of water. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove patient to fresh air. IF RESPIRATED: Remove patient to fresh air. NOTE TO PHYSICIAN: If symptoms are present, atropine sulfate is a specific antidote and may be administered intravenously.

See side panel for additional information.

NET WEIGHT

18-1311-A 12/93

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ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 26 1995

DIRECTIONS FOR USE

Use of Federal Law to use this product in a manner consistent with its labeling. Do not apply this product in a way that causes contact with 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.

GENERAL USE REQUIREMENTS
Use only in accordance with its labeling and with any applicable Federal or State Pesticide Application Standards, 40 CFR part 170. This product contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses; and residential users of agricultural pesticides. It contains requirements for labeling, training, decontamination, notification, and assistance. It also contains specific instructions regarding the statements on this label concerning personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are not covered by the Worker Protection Standard.

RESTRICTED ENTRY AREAS: Do not allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. PPE required for workers in treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: chemical-resistant gloves such as Barrier laminate gloves ≥ 14 mils or Nitrile or Neoprene rubber ≥ 14 mils or PVC ≥ 14 mils or Viton ≥ 14 mils or waterproof gloves, shoes, and protective eyewear.

COMMERCIAL GREENHOUSES: For light infestations, spray at five seconds per 100 square feet. For heavy infestations, spray at ten seconds per 100 square feet. Use on 2 foot high plants. Lower or higher dosage may be used based on height of foliage. Move can in a fast motion to provide maximum coverage maintaining a distance of 18 to 24 inches away from foliage.

INDOORS ON: For individual plants and localized infestations, spray light mist on upper and lower leaf surfaces at a distance of 18-24 inches away from foliage. Avoid wetting foliage. Repeat application as necessary.

INDOORS ON: and/or Ornamental Bedding plants (such as: marigolds, petunias, geraniums, and garden mums); and Potted plants (such as: roses, chrysanthemums, carnations, and orchids).

Hanging baskets (such as): fuchsia, lantana, New Guinea impatiens, ivy, and geraniums.

Other plants (such as): Boston fern, dracaena, ficus, schefflera, and peace lily.

Flowering plants (such as): poinsettia, chrysanthemum, azalea, lilies, African violets, geraniums, and begonias.

Shrubs (such as): azalea, barberry, cotoneaster, euonymus, juniper, oak, pine, rhododendron, roses, and viburnum and yew.

To protect outdoor ornamentals when spraying, spray at least 6 inches from plant. For best results, spray in a cloudy day when air is still. Use slow sweeping motion and wetting foliage with spray. Spray plants on all sides when necessary. Spray with caution on growing new growth. Do not spray when temperatures are above 85°F.

INDOORS ON: Plants (such as): alyssum, begonia, chrysanthemum, impatiens, ivy, marigold, mock-orange, petunia, salvia, snapdragon, zinnia.

Ornamentals (such as): azalea, camellia, euonymus, juniper, lilac, rhododendron, rose.

Trees (such as): blue spruce, dogwood, maple.

Do not apply to fruits and vegetables. Do not apply to American Sycamore, Crabapple, Sugar Maple, and Cottonwood, as they may occur.

STORAGE AND DISPOSAL

Do not mix with water, food or feed by storage or disposal. Store in a cool dry place away from heat or open flame.

DISPOSAL: Pesticides that cannot be used according to the instructions must be disposed of according to local, state or federal procedures.

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear goggles, face shield, or safety glasses. Harmful if swallowed. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling. When used indoors, do not remain in treated area and ventilate area after treatment is completed.

PERSONAL PROTECTIVE EQUIPMENT: Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

APPLICATOR AND OTHER HANDLERS MUST WEAR: Long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier laminate or Butyl rubber ≥ 14 mils or Nitrile or Neoprene rubber ≥ 14 mils or PVC ≥ 14 mils or Viton ≥ 14 mils, shoes plus socks, protective eyewear, and a 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 RC-14G).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

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- 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 to clean clothing.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

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LIMITATION OF LIABILITY

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St. Louis, MO 63122
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499-380

PT® 1300 DS



FOR USE: Indoors: Commercial Greenhouses and Outdoors: Commercial Landscapes and Nurseries

KILLS: Aphids, Bagworms, Cabbage Loopers, Cankerworms, Fall Webworms, Fungus Gnats, Gypsy Moth Larvae, Lacebugs, Leafminers, Leafrollers, Japanese Beetles, Mealybugs, Scale, Spider Mites, Tent Caterpillars, Thrips and Whiteflies.

MAY BE USED ON: Flowering and/or Ornamental Bedding Plants, Cut Flowers, Flowering Hanging Baskets, Foliage, Potted Flowering Plants and Ornamentals

Not for use in or around the home.

*Orthene is Reg. TM of the Chevron Corporation for acephate insecticide. Pat. No. 3,914,417

ACTIVE INGREDIENT:

Acephate (O,S-Dimethyl Acetylphosphorimidodithioate) 3.0%

INERT INGREDIENTS: 97.0%

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

EPA Reg. No. 499-380 EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

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

STATEMENT OF PRACTICAL TREATMENT

This product contains an organophosphate.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Gastric lavage may be indicated if material was taken internally. **DO NOT INDUCE VOMITING:** vomiting may cause aspiration pneumonia.

IF IN EYES: Flush with plenty of water. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove patient to fresh air. Apply artificial respiration if breathing has stopped.

NOTE TO PHYSICIAN: If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

See side panel for additional precautionary statements.

NET WEIGHT: 16 oz.

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