

499-405

10/24/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

OCT 24 2003

Ms. Dana Thompson
Whitmire Micro-Gen
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6682

Dear Ms. Thompson:

Subject: Labeling Submitted in Response to the Chlorpyrifos IRED
Whitmire PT 1920 Total Release Insecticide
EPA Reg. No. 499-405
Your Submission Dated April 16, 2003

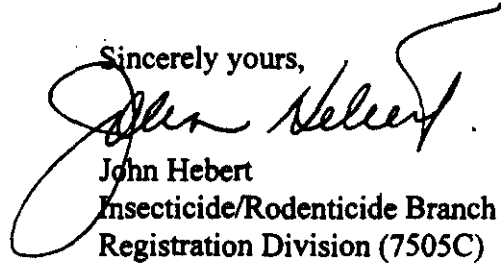
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided you make the following changes before you release the product for shipment bearing the amended labeling:

1. Delete "Supplemental Label" from everywhere it appears. If appropriate, you may replace it with "Complete Label," "Full Label," etc.
2. You may delete the following from the Personal Protective Equipment: "Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them."
3. Products that are labeled for use exclusively indoors may omit the Environmental Hazards statement. If you clarify your products application site to "Commercial Ornamental, Enclosed Greenhouses Only", you may delete the Environmental Hazards statement.

Approval of this labeling amendment does not constitute approval of your application for reregistration of this product. Product reregistration is currently pending and future labeling amendments and/or additional data may be required.

Submit two copies of your final printed labeling before you release the product for shipment. A stamped copy is enclosed for your records. If you have any questions, please contact me at (703) 308-6249 or hebert.john@epa.gov.

Sincerely yours,



John Hebert
Insecticide/Rodenticide Branch
Registration Division (7505C)

c: Venus Eagle, SRRD
Tom Myers, SRRD

ACCEPTED
with COMMENTS
In EPA Letter Dated:

OCT 24 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
499-405

<p>Restricted Use Pesticide See supplemental label for details</p> <p>WHITMIRE</p> <p>PT 1920</p> <p>Total Release Insecticide</p> <p>[ALTERNATE BRAND NAME: Prescription Treatment brand Duraplex TR Micro Total Release Insecticide]</p> <p>TREATS UP TO 3,000 SQUARE FEET. FOR COMMERCIAL USE ONLY.</p> <p>ACTIVE INGREDIENTS:</p> <table border="0"> <tr> <td>Chlorpyrifos</td> <td>8.0%</td> </tr> <tr> <td>Cyfluthrin</td> <td>1.6%</td> </tr> <tr> <td>OTHER INGREDIENTS:</td> <td>90.4%</td> </tr> <tr> <td>TOTAL:</td> <td>100.0%</td> </tr> </table> <p>EPA Reg. No. 499-405 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.) See supplemental label for additional Precautionary Statements.</p> <p>NET WEIGHT: 2 oz.</p> <p>WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC. 800-777-8570</p>		Chlorpyrifos	8.0%	Cyfluthrin	1.6%	OTHER INGREDIENTS:	90.4%	TOTAL:	100.0%	<p>FOR USE IN: Commercial Ornamental Greenhouses. Not for residential use. CONTROLS: Aphids, Caterpillars, Fungus Gnats, Mealybugs, Mites, Scale, Thrips and Whiteflies.</p> <p>DIRECTIONS FOR USE IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. See supplemental label for complete Directions for Use.</p> <p>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 entitled Agricultural Use Requirements in the "Directions for Use" section of the supplemental label for information about this standard.</p> <p>TOTAL RELEASE DOSAGE: Apply when pest (or plant damage typical of an indicated pest) is seen. Make 1 to 3 applications per week depending on the severity of the infestation. Do not apply product within 48 hours of a previous application. Use one 2 oz. can per 3,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 2 oz. can for 1,500 - 3,000 square feet. For smaller greenhouses between 1,500 - 3,000 square feet, use one 2 oz. can.</p> <p>PHYSICAL OR CHEMICAL HAZARDS Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on the supplemental label very carefully.</p> <p>Highly Flammable ingredient Ingrediente Altamente Inflamable</p> <p>A Prescription Treatment® brand insecticide from: Whitmire Micro-Gen Research Laboratories, Inc. 3568 Tree Court Industrial Blvd. St. Louis MO 63122-6682 © 2002 Whitmire Micro-Gen Research Laboratories, Inc.</p> <p>PT 1920 v1.0 (rev. 4/03)</p> <p>FPO 123456789012</p>
Chlorpyrifos	8.0%									
Cyfluthrin	1.6%									
OTHER INGREDIENTS:	90.4%									
TOTAL:	100.0%									

or insect. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to crops or weeds if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.



Highly Flammable Ingredient
Ingredientes Altamente Inflamable

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

See supplemental label for complete Directions for Use.

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 entitled Agricultural Use Requirements in the "Directions for Use" section of the supplemental label for information about this standard.

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: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: This container may be recycled in the low but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE!) If recycling is not available, wrap container and discard in the trash.

TOTAL RELEASE DOSE: Apply when pest (or plant damage typical of an indicated pest) is seen. Make 1 to 3 applications per week depending on the severity of the infestation. Do not apply product within 48 hours of a previous application. Use one 6 oz. can per 9,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 6 oz. can for 4,500 - 9,000 square feet. For smaller greenhouses between 4,500 - 9,000 square feet, use one 6 oz. can.

TO ACTIVATE CANS: Start with can farthest away from exit door. Activate each can by pressing tab down and locking it. Leave greenhouse at once. The entire contents will release automatically.

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



A Prescription Treatment® brand insecticide from:
Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd
St. Louis MO 63122-6682
www.whmrg.com

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PT 1920 6 oz. Container Version 7.0 (Rev. 4/03)

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

WHITMIRE

PT 1920

Total Release Insecticide

[ALTERNATE BRAND NAME: Prescription Treatment brand Duraplex TR Micro Total Release Insecticide]

TREATS UP TO 9,000 SQUARE FEET.
FOR COMMERCIAL USE ONLY.

FOR USE IN: Commercial Ornamental Greenhouses. Not for residential use.

CONTROLS: Aphids, Caterpillars, Fungus Gnats, Mealybugs, Mites, Scale, Thrips and Whiteflies.

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

ACTIVE INGREDIENTS:

Chlorpyrifos 8.0%
Cyfluthrin 1.6%

OTHER INGREDIENTS:

This product contains an organophosphate insecticide. TOTAL: 100.0%

EPA Reg. No. 499-405

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.)

See side panel for additional Precautionary Statements.

NET WEIGHT: 6 oz.



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
800-777-8570

PRECAUTIONARY STATEMENTS

FIRST AID

This product contains an organophosphate insecticide.
IF IN EYES: Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-3320 for emergency medical treatment information.
NOTE TO PHYSICIAN: I symptoms of cholinesterase inhibition are present, atropine sulfate is antidote. 2-Pam is also antidote and may be administered in conjunction with atropine.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing of spray mists. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Barrier laminate ≥14 mils, Butyl rubber ≥14 mils, Nitrile rubber ≥14 mils, Neoprene rubber ≥14 mils, PVC ≥14 mils and vinyl ≥14 mils. For more information, follow instructions in Supplement Three of PPE Notice 93-7. 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: Coveralls over long-sleeved shirt and long pants; chemical-resistant gloves; chemical-resistant footwear plus socks; chemical-resistant headgear for overhead exposures; and a NIOSH approved dust mask filtering respirator with MS-DAN/OSH approval number TC-21C with any N, R, P, or HE filter.

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

USER SAFETY RECOMMENDATIONS

Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco or using toilet.
• Remove clothing/PPE 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 product is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water.

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

WHITMIRE**PT® 1920****Total Release Insecticide****SUPPLEMENTAL LABEL****FOR COMMERCIAL USE ONLY****CONTROLS:** Aphids, Caterpillars, Fungus Gnats, Mealybugs, Mites, Scale, Shore Flies, Thrips and Whiteflies.**FOR USE IN:** Commercial Ornamental Greenhouses. Not for residential use.**MAY BE USED ON:** Bedding Plants, Cut Flowers, Flowering Hanging Baskets, Foliage Plants, Potted Flowering Plants and Ornamentals.**ACTIVE INGREDIENTS:**

Chlorpyrifos 8.0%
Cyfluthrin 1.6%

OTHER INGREDIENTS: 90.4%

TOTAL: 100.0%

EPA Reg. No. 499-405 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.)

FIRST AID

This product contains an organophosphate insecticide.

IF IN EYES: Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-225-3320 for emergency medical treatment information.

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

See page 2 for additional Precautionary Statements.

A Prescription Treatment® brand insecticide from:

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

www.wmmg.com

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WHITMIRE MICRO-GEN
RESEARCH LABORATORIES INC.
800-777-8570

5/6



PT® 192C Micro Total Release Insecticide

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing of spray mists. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Barrier laminate ≥14 mils, Butyl rubber ≥14 mils, Nitrile rubber ≥14 mils, Neoprene rubber ≥14 mils, PVC ≥14 mils and viton ≥14 mils. For more information, follow instructions in Supplement Three of PR Notice 93-7. 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: Coveralls over long-sleeved shirt and long pants; chemical-resistant gloves; chemical resistant footwear plus socks; chemical resistant headgear for overhead exposures; and a NIOSH approved dust mist filtering respirator with MSHA/NIOSH approval number TC-21C with any N, R, P, or HE filter.

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

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 product is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to crops or weeds if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.



Highly Flammable Ingredient
Ingrediente Altamente Inflamable

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 agency responsible for pesticide regulation.

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.

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

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 24 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 over short sleeved shirt and short pants; Chemical-resistant gloves made out of any waterproof material; chemical resistant footwear plus socks; and chemical resistant headgear for overhead exposures. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

PREAPPLICATION DIRECTIONS: For best results, apply during early evening when foliage is dry and temperature is between 60°-80°F. Do not place cans within 10 horizontal feet of any ignition source such as pilot lights, other open flames, or running electrical appliances that cycle off and on. Shut off all exhaust fans and close all windows, doors and ventilators. All human occupants and pets must be removed before treatment. Greenhouse must be ventilated according to the requirements of the Worker Protection Standard before re-entry.

TOTAL RELEASE DOSAGE: Apply product when pest (or plant damage typical of an indicated pest) is seen. Make 1-3 applications per week depending on the severity of the infestations. Do not re-apply product within 48 hours of a previous application.

Use one 2 oz. can per 3,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 2 oz. can for 1,500 - 3,000 square feet. For smaller greenhouses between 1,500 - 3,000 square feet, use one 2 oz. can.

Use one 6 oz. can per 9,000 square feet. In situations where insect control is difficult due to tough to control insects or high crop density, it is permissible to use one 6 oz. can for 4,500 - 9,000 square feet. For smaller greenhouses between 4,500 - 9,000 square feet, use one 6 oz. can.

TO ACTIVATE CANS: Start with can farthest away from exit door. Activate each can by pressing tab down and locking it. Leave greenhouse at once. The entire contents will release automatically.

FOR USE IN GREENHOUSES ON:

Bedding plants (such as): impatiens, marigolds, petunias, geraniums, garden mums, verbena, New Guinea impatiens and dahlia.

Cut flowers (such as): roses, chrysanthemums, carnations, snapdragons and orchids.

Flowering hanging baskets (such as): fuchsia and lantana.

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, begonias, gloxinia, cyclamen, cineraria, calceolaria and exacum.

Ornamentals (such as): azalea, barberry, cotoneaster, euonymus, holly, ivy, juniper, oak, pine, rhododendron, roses, spiraea, spruce, viburnum and yew.

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

CONTAINER DISPOSAL: This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE!) If recycling is not available, wrap container and discard in the trash.

PLANT SAFETY INFORMATION

This product has been tested on a wide range of plants and in our opinion has demonstrated excellent plant safety. However, not all varieties or strains of the plants listed have been tested. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage and for performance prior to full scale application.

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



5/19