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

FEB 24 1997

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Francis X. Kamienski
Registration Specialist
The Solaris Group, A Division of the
Agricultural Group of Monsanto Company
P.O. Box 5006
San Roman, CA 94583

Dear Mr. Kamienski:

Subject: Orthenex Insect & Disease Control Formula III
EPA Registration No. 239-2594
Your Application Dated February 2, 1996

This is in reference to your subject application which transmitted a revised basic CSF and amended labeling reflecting the reentry restrictions imposed in the Registration Eligibility Document (RED) issued for fenbutatin-oxide, one of the three active ingredients present in the subject product. You had requested a stamped copy of the amended label.

This letter addresses the proposed amendments only as a registration action, not a reregistration action.

The CSF, which was revised to reflect the nominal concentrations of the three active ingredients, is acceptable and has been placed in our files. It is understood, as stated in your subject application that this revised CSF replaces all other CSFs previously submitted for the subject product.

The labeling amendment reflecting the reentry restrictions imposed in the RED referenced above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you:

Submit one copy of your final printed label incorporating the following correction before you release the product for shipment:

1. The directions for use on the submitted labeling are ambiguous as to whether the label allows use within the scope of the Worker Protection Standard (WPS) and must be revised as necessary to clarify that WPS uses are not allowed. The addition of a statement limiting the use to non-commercial, residential

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use would be adequate to clarify the intended use of the product for non-WPS uses; i. e. "For outdoor residential use on plants grown for other than commercial or research purposes." or "For outdoor use around the home."

2. The entire set of human precautionary statements must appear together on the main label rather than referencing the booklet for some of them. Accordingly, the following statements must appear on the main label.

"PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS


DANGER" Causes irreversible eye damage and skin irritation. May be harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse."

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of this condition.

A stamped copy of the label is enclosed for your records.

You should note that, as stated above, this is a registration action, not a reregistration action and is not the Agency response to the items addressed in your February 6, 1995 response to the fenbutatin-oxide RED. Additional labeling changes may be required as a result of the reregistration process.

Sincerely,



William W. Jacobs, Ph. D.
Acting, Product Manager Team 14
Insecticide-Rodenticide Branch
Registration Division (7505C)

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ORTHO®
ORTHENEX®
Insect & Disease Control
Formula III

ICON/OUTDOOR USE ONLY

[ABN: RosePride™ ORTHENEX® Insect & Disease Control
Makes 16 Gallons Diluted Spray

ACCEPTED
WITH COMMENTS
by EPA Lister David
FEB 24 1997
EPA Region 1
239-2594

For Roses, Flowers & Ornamentals
Kills Insects - Aphids, Mites, Leafhopper, Leafminers & Other Listed Insects
Prevents & Controls Diseases - Black Spot, Rust, Powdery Mildew
Roses, Flowers & Ornamentals
Aphids, Mites, Thrips
Powdery Mildew, Rust, Black Spot
Controls Black Spot, Rust, Powdery Mildew. Controls Aphids, Mites, Thrips &
Other Listed Insects. On Roses, Flowers and Ornamentals. Contains ORTHENE®
Systemic Insecticide, FUNGINEX® Systemic Fungicide and VENDEX® Miticide.

Active Ingredients

~~—~~Acephate (O,S-dimethyl
acetylphosphoramidothioate).....4.00%
Triforine (N,N'-[1,4-piperazinediylbis
(2,2,2-trichloroethylidene)] bis
[formamide]).....3.25%
~~**~~Hexakis (2-methyl-2-phenylpropyl)-
distannoxane..... 0.75%
Inert Ingredients..... 92.00%
~~—~~Orthene, Acephate U.S. Pat. Nos. 3,716,600
~~—~~& 3,814,417.

KEEP OUT OF REACH OF CHILDREN
DANGER

See side panel for additional precautionary statements.
NET CONTENTS 1 pt/473ml

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[THE FOLLOWING COPY IS FOR FIX-A-FORM BOOKLET TYPE LABELS WHICH CONSUMERS CAN OPEN, READ, AND RESEAL EASILY AT RETAIL AS WELL AS AT TIME OF USE]

RosePride ORTHENEX® controls many of the insects, mites and diseases that attack roses, flowers and ornamentals. Systemic action enables part of the insecticide and fungicide to be absorbed internally through leaf and stem surfaces to provide longer, more effective protection. Do not apply to plants to be used for food or feed. ~~[Explanation of product features moved from below directions for use section to improve consumer understanding of product prior to purchase]~~

DANGER: Causes irreversible eye damage and skin irritation. May be harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. SEE ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.

PULL HERE TO OPEN LABEL PRESS TO RESEAL.

Medical Information call 1-800-454-2333

Product Information call 1-800-225-2883

Manufactured for

The SOLARIS Group of

Monsanto Company

P.O. Box 5008

San Ramon, CA 94583-0808

Product 5617

Form ~~RS737-A851~~

EPA Reg. No. 239-2594

EPA Est. 239-1A-3¹, 58996-MO-1^A

Superscript is first letter of lot number

Made in USA

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DIRECTIONS FOR USE:

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

GENERAL DIRECTIONS

Skin contact with this pesticide may be hazardous; wear chemical resistant gloves when mixing or applying this product. Shake well before using. Use 2 Tbs (1 fl oz) per gal of water. Spray thoroughly to cover upper and lower leaf surfaces including new growth. May be applied with an ORTHO Hose-End Sprayer, or tank-type sprayer. To apply with the ORTHO DIAL 'n SPRAY® Hose-End Sprayer, pour undiluted product into sprayer jar. Adjust dial to 1 oz setting and spray to wet foliage. Pour unused material back into bottle and secure closure.

FOR INSECT CONTROL-Roses, Flowers and Ornamentals: Aphids, Flower Thrips, Lacebugs, Leafhoppers, Budworms, Leafminers, Spittlebugs, Fuchsia Mite and Twospotted Mite: Spray when insects are present or when feeding injury is first noted. Repeat if reinfestation occurs.

NOTE: Two or three applications at a 7 to 10 day interval may be required to control Twospotted Mite.

FOR DISEASE CONTROL

Roses: Black Spot, Rust, Powdery Mildew.

Rust on Asters and Carnations, Powdery Mildew on Calendulas, Crape myrtle, Dahlia, Euonymus, Jerusalem Thorn, Lilac, Phlox, Photinia, Snapdragon and Zinnia.

Prevention: Begin spraying when first signs of disease appear. Apply every 7 to 10 days during the spring and fall or whenever weather conditions encourage the spread of disease. NOTE: If disease is already established, follow a 7 day application schedule until control is achieved.

STORAGE AND DISPOSAL

STORAGE: Store away from heat or open flame. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store below 25°F. Do not store diluted spray.

DISPOSAL: PRODUCT--Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

CONTAINER--Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

PRECAUTIONARY STATEMENTS

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239-2594/amend.rod February 6, 1995

File based on EPA notification document 239-2594.epa dated 8/1/94 w/ corrections

Typographical errors corrected - icons added

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Wear goggles. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID: If in eyes: hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. See a physician immediately. If on skin: wash with plenty of water. Get medical attention. If swallowed: Do not induce vomiting. Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available drink large quantities of water. Avoid alcohol. When handling this product, wear chemical resistant gloves, long pants, and long sleeved shirt. When using outdoors, spray with the wind to your back and do not use when wind speeds are 10 mph or more. Wash the outside of the gloves with soap and water before removing. ~~[Child/Pet Icon]~~ Do not allow

children or pets to come into contact with treated surfaces until sprays have dried. Do not allow persons or pets to enter the treated area until sprays have dried.

Note to Physicians: Probable mucosal damage may contraindicate the use of gastric lavage. Emergency Information-call 1-800-454-2333. ENVIRONMENTAL

HAZARDS: This pesticide is toxic to birds, mammals, fish and aquatic invertebrates, to fish and birds. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in neighboring areas or wetlands. Do not contaminate water when disposing of equipment washwater or rinsate, by cleaning of equipment or disposal of wastes. Cover or soil-incorporate spills. 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 blooming crops or weeds if bees are visiting treatment area. PHYSICAL OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Medical Information call 1-800-454-2333

Product Information call 1-800-225-2883

ORTHO®, ORTHENEX®, FUNGINEX®, SPRAY-ETTE®, DIAL n SPRAY® Trademarks of Monsanto Company

* VENDEX Trademark of E.I. du Pont de Nemours & Co.

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239-2594-amend.red February 6, 1995

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