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File

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

MAR 23 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Frederick J. Hageman
UNIROYAL CHEMICAL CO. INC.
74 AMITY RD
BETHANY, CT 06524

Subject: Label Amendment Submission of 08/18/93 in Response to PR Notice 93-7
EPA Reg. No. 400-384
90 - PAR

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

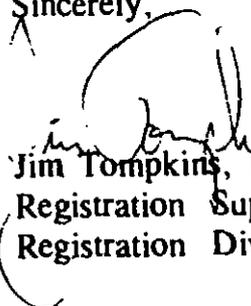
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Frederick J Hageman
UNIROYAL CHEMICAL CO INC
74 AMITY RD
BETHANY CT 06524

Comment for: EPA Reg Nr.400-384
90-PAR

The following specific comments pertain to your WPS
labeling submission concerning the product
cited above:

The following statement on your proposed label is not
required for this product: "Notify workers of the
application by warning them orally and by posting warning
signs at entrances to treated areas." Delete it from the
Agricultural Use Requirements box.

Delete the crossed-out statements on your proposed label.
They are redundant statements or phrases.

90-PAR®

**UNIROYAL
CHEMICAL**

COMPOSITION

Active Ingredient: (% by weight)

Petroleum Oil	98%
Inert Ingredients	2%
Total:	100%

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749
 EPA REG. NO. 400-384
 EPA EST. NO.

002WPS

NET WEIGHT

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center immediately.

IF INHALED: Remove to fresh air.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists. Wash contaminated clothing separately from other laundry.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid inhalation of vapors and spray mist.

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 E on an EPA chemical resistance category selection chart.

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; chemical resistant gloves such as barrier laminate, or nitrile rubber, or neoprene rubber, or viton; shoes plus socks.

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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.

ENVIRONMENTAL HAZARDS

Fish and other aquatic life may be killed by this product. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not contaminate water when disposing of equipment washwaters.

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 through any type of irrigation system.

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.

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ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 23 1994

Insecticide.
Pesticide Act
the pesticide
under EPA Reg. No.
400-384

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), notification-to-workers and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 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
- chemical resistant gloves such as barrier laminate or nitrile rubber, or neoprene rubber, or viton
- shoes plus socks

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

NOTE: UNLESS SPECIFICALLY INDICATED OTHERWISE, THIS PRODUCT IS TO BE DILUTED WITH WATER BEFORE APPLICATION. DILUTION RATES ARE INDICATED BELOW AND ARE TO BE INTERPRETED AS GALLONS OF 90-PAR PER 100 GALLONS OF WATER.

LEMONS — Red Scale, Black Scale, Brown Soft Scale, Red Spider: 1.2 gals. of 90-PAR to 100 gals. in late spring or in periods when coloring of fruit is not a problem. Citrus Red Spider: 0.6 gals./100 with full coverage.

LOW VOLUME APPLICATION - Citrus Red Mite: By Ground Rig: 10 to 15 gallons of 90-PAR per acre in 50 to 100 gallons of spray solution. Use only in concentrated sprayers. **By Helicopter (Ventura County only):** 18 to 23 gallons per acre on mature trees.

NAVEL ORANGES — Citrus Red Mite, Red Scale, Yellow Scale, Purple Scale: 0.6 to 0.8 gal. 90-PAR per 100 gals. with full coverage. Sevin (0.4 lb. 80% WP per 100 gals.) or 1.0 lbs. Malathion 25% WP per 100 gals. may be added if needed for scale control. Do not use 90-PAR on Navel Oranges after Sept. 1.

VALENCIA ORANGES, GRAPEFRUIT AND OTHER CITRUS — Red Scale, Yellow Scale, Purple Scale: 1 gal./100 gals. applied in late summer, but not later than Sept. 1st. As an alternate use 0.6 to 0.8 gal. 90-PAR plus either 1.0 lb. Malathion 25WP or 0.4 lbs. Sevin per 100 gal. Use the lower dosage (0.6 gal./100 gals.) for late fall applications. Citrus red spider: 0.6 to 0.8 gal./100 with full coverage.

LOW VOLUME APPLICATIONS: Oranges and Grapefruit. Citrus Red Mite, 12 to 15 gal. 90-PAR per acre in 50 to 100 gal. spray mixture. July and August only for Oranges.

APRICOTS, ALMONDS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES - Summer use or Red Mite: 0.7 gals./100. Summer stage (post harvest) of Brown Apricot Scale, San Jose Scale: 1 to 1.5 gals./100. Dormant or Delayed Dormant: San Jose Scale, Parlatoria Scale, Walnut Scale, Brown Apricot Scale, Black Scale, Mite Eggs, Aphid Eggs: 1.5 to 2 gals./100 gals. of spray mixture.

Delayed Dormant: Leaf Roller Eggs - 2.5 gals./100 gals. of spray mixture. **NOTE:** On prune trees sensitive to oil, application should be made in the period between February 15 and the popcorn stage.

APPLES AND PEARS — Summer application (post harvest) Red Mites: 0.7 gals./100. Immature summer stage (post harvest) of San Jose and Italian Pear Scale, use 1 to 1.5 gals./100.

General use as an aid in adherence of insoluble insecticides, use one quart to 100 gallons of spray.

Dormant and Delayed Dormant: San Jose Scale, Italian Pear Scale: 1.5 to 2 gals./100 gals. spray mixture.

Delayed Dormant: Leaf Roller Eggs - 2.5 gals./100 gals. of spray mixture.

Pear Psylla - 1 gal./100 gals. of spray mixture.

CORN - 90-PAR may be used in combination with atrazine at the rate of 1 gallon in 20 to 40 gallons of water per acre by ground and ½ gallon in not less than 5 gallons of water per acre by air. Follow cautions, limitations and directions for use given on the atrazine label.

FIGS - Fig Scale Dormant: Use 3 gallons 90-PAR/100 gallons of spray mixture or 2½ gallons 90-PAR/100 gallons of spray mixture plus ½ pint Parathion 4 Emulsifiable.

GRAPES DORMANT - Mealy Bug: Use 1 gallon of 90-PAR plus 1 quart Parathion 4E per 100 gallons of spray with thorough coverage.

OLIVES - Parlatoria Scale: Use 1.5 gals. 90-PAR to 100 or 1 gal. with 1 lb. 25% Wettable Powder Parathion. Apply prebloom or post bloom up to buckshot size.

ORNAMENTALS AND SHADE TREES: Conifers (See Note), Holly, Pyracantha, Sycamore, Hawthorne, Flowering Pecan, Flowering Cherry, Apple, Magnolia, Maple, Dogwood, Oak, Privet, Birch: Brown Soft Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, San Jose Scale, Red Spider Mites and Eggs - 1 gallon/100 gallons of water.

Dormant Spray on Deciduous Varieties: 2 gallons/100 gallons of water. Dormant Spray on Other Varieties: 1 gallon/100 gallons of water.

Note: May cause discoloration of blue spruce. Do not use on conifers or ferns not tolerant to oil sprays.

WALNUTS - Delayed Dormant - Brown Apricot Scale, Black San Jose Scale, Olive Scale, Oleander Scale, Frosted Scale, Italian Pear Scale, European Fruit Lecanium, Putnam Scale, Brown Soft Scale, Certain Scale Insects, Eggs of Aphids, Red Spider Mites: 1½ to 2 gallons/100 gallons of spray mixture.

Summer Use - Red Spider Mites: 3 to 4 quarts/100 gallons of spray mixture.

Summer Stages of Brown Apricot Scale, San Jose Scale: 1 gallon/100 gallons of spray mixture. This treatment should only be used on trees that have not suffered from lack of moisture at any time during the growing season. Further, oils should not be applied to orchards where soil moisture is low.

RATES PER ACRE

Crop	Gallons of Dilute Spray at Recommended Dosage	Gallons of Oil per Acre By Concentrate Sprayer (1)
Citrus	400 to 3000	12 to 15
Stone Fruit & Almonds	250 to 800	4 to 6 ⁽²⁾
Apples & Pears	250 to 800	4 to 6 ⁽²⁾
Olives	400 to 3000	—
Grapes	50 to 300	½ to 2

(1) Application in 50 to 100 gallons of spray mixture per acre is preferred but not required depending on the spray equipment used.

(2) For shipping fruit, use the 6 gal. rate not later than 6 weeks before harvest; otherwise use 4 gal./acre not later than 4 weeks before harvest or 2 gal./acre not later than 1 week before harvest.

NUTRITIONAL POWDERS: 90-PAR is compatible with NUTRA-PHOS® and NUTRA-SPRAY® foliar nutrient powders which may be used at the rate of 1½ to 3 lbs. per 100 gals. of spray solution.

NOTE: Being an oil spray, application should NOT be made:

1. When the soil (especially the sub-soil) is relatively dry.
2. Immediately prior to, during, or following an unusually cold weather period.

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3. When the temperature is above 95 degrees Fahrenheit.
4. Do not use with Captan, Dichlone, Glydoin, Karathane, Sulfur, Lime Sulfur or Methoxychlor. Do not use oil 60 days before or until 90 days after Sulfur, or Captan products.
5. Do not apply over fruit of apricots, cherries, peaches, plums, prunes, apples or pears in excess of 0.2%

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a dry location.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

IMPORTANT NOTICE—Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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