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

FEB 23 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Frederick J. Hageman  
UNIROYAL CHEMICAL CO. INC.  
74 Amity Road  
Bethany, CT 06524

Subject: Label Amendment Submission of 08/18/93 in Response to PR Notice 93-7  
EPA Reg. No. 400-448  
UNI-PAR

**IMPORTANT NOTICE:** This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

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 listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**SERIOUS ERROR(S) ON SUBMITTED LABELING:**

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

**YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING.** Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

**YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.**



Recycled/Recyclable  
Printed with SoyCanada ink on paper that  
contains at least 50% recycled fiber

Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director  
Compliance Division, (7203)  
Worker Protection Notification  
Office of Compliance Monitoring  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the 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 neither been reviewed nor 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:**

Submit the required notification. Then 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 as amended

**AND**

- WITHIN one year from date of this acceptance.

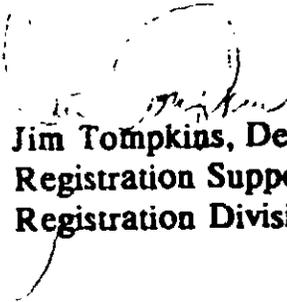
Submit the final printed labeling via the U.S. Postal Service to:

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 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

cc: Office of Compliance Monitoring

# UNI-PAR®

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated

FEB 23 1994

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

400-448



### COMPOSITION

Active Ingredient: (% by weight)	
Petroleum Oil .....	96.7%
Inert Ingredients .....	3.3%
Total: .....	100.0%

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749  
EPA REG. NO. 400-448  
EPA EST. NO.

002WPS

### NET WEIGHT

## KEEP OUT OF REACH OF CHILDREN CAUTION

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg whites, gelatin solution; if not available, drink large amounts of water. Avoid alcohol. Call a physician immediately.

**IF IN EYES:** Flush eyes with plenty of water for at least 15 minutes. Call a physician.

**IF ON SKIN:** Wash with plenty of water for at least 15 minutes. Call a physician if irritation persists. Remove and wash contaminated clothing before reuse.

**IF INHALED:** and abnormal symptoms develop, see a physician.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing.

#### 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

Do not apply directly to water. Avoid spray drift onto bodies of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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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.

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.

### 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 same 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 UNI-PAR PER 100 GALLONS OF WATER.**

### GENERAL INSTRUCTIONS

**LEMONS** — Red Scale, Yellow Scale, Purple Scale, Black Scale, Brown Soft Scale, Citrus Red Mite, Citrus Bud Mite: 1.2 to 1.4 gals./100 with thorough coverage in Southern California, April and May and/or September through December. In Central California, August and September. The higher dosage is recommended for heavier infestations in early fall. To aid in control of Red, Black, Yellow, or Purple Scale add a suitably labeled insecticide. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations. See notes below for Spreader-sticker, Low Volume, and additional black scale uses.

**ORANGES, GRAPEFRUIT, OTHER CITRUS VARIETIES** — Red Scale, Yellow Scale, Purple Scale, Black Scale, Citrocola Scale, Brown Soft Scale, Citrus Red Mite, Pacific Spider Mite, Two-spotted Spider Mite: 1.2 to 1.4 gals./100 with thorough coverage late summer and fall (Central California: July through September). Highest dosage only for July or August applications. To aid in control of Red, Yellow, Black, or Purple Scale, add a suitably labeled insecticide. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations.

**LOW VOLUME APPLICATION: Oranges and Lemons, Citrus Red Mite** — Apply at the rate of 15 to 20 gals./acre by helicopter, low volume

modified speed sprayer, or other low volume sprayer. Observe all cautions for proper practice noted on this label.

**Spreader-Sticker on All Citrus Varieties** — May be used as a spreader-sticker with a suitable insecticide or miticide at a rate not to exceed 0.4%. Do not use when freezing temperatures are expected. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations.

**BLACK SCALE ON ALL CITRUS VARIETIES** — Apply at the rates recommended above as soon as practicable following completion of major hatch. When treatment has been delayed and larger stages are present, add TOX-R (rotenone) at  $\frac{1}{2}$  to  $\frac{3}{4}$  pounds per gallon or a suitably labeled insecticide. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations. When an additive is used, the oil dosage may be reduced to 3 qt./100. As an emergency treatment, the 3 qt. combination rate may be used later in fall months than an oil spray at full dosage.

**MITES ON YOUNG NON-BEARING CITRUS** — 1.2 gal./100 during spring, late summer, and fall months with thorough coverage.

**APRICOTS, ALMONDS, CHERRIES, PEACHES, PLUMS, PRUNES** — Summer use for red mites — 1 gallon to 100 or 6 gallons per acre in 100 to 300 gallons of water with the following special recommendations in addition to the general cautions: 1) Do not apply over certain fresh market fruits after bloom starts to form as the oil spray will remove waxy bloom. 2) Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations. 3) Application should be made over oil sensitive varieties of plums, apricots and almonds.

**NGTE: On prune trees sensitive to oil, application should be made in the period between February 15 and the popcorn stage.**

Summer stage (post harvest) of Brown Apricot Scale, San Jose Scale — 1 to 1.5 gals. per 100. Dormant or Delayed Dormant: San Jose Scale, Parlatoria Scale, Brown Apricot Scale, Black Scale, Mite Eggs, Aphid Eggs — 2 gals. per 100 gallons of spray mixture. Delayed Dormant: Leaf Roller Eggs — 2.5 gals. per 100 gallons of spray mixture.

**APPLES AND PEARS** — Summer application for Red Mites: 1 gal per 100 gals. Do not apply over fruit after waxy bloom forms as oil will remove the wax. Immature summer stage (post harvest) of San Jose and Italian Pear Scale, use 1 to 1.5 gals per 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. per 100 gallons of spray mixture. Delayed Dormant: Leaf Roller Eggs — 2.5 gals per 100 gals. of spray mixture. Pear Psylla — 1 gal. per 100 gals. of spray mixture.

**AVOCADOS — HAAS VARIETY ONLY** — Avocado Brown Mite, 1 gal. per 100 gallons with thorough coverage through late fall.

**GRAPES DORMANT** — Mealy Bug — 1 gal. plus 1 qt. Parathion Emulsive (4 lbs. of parathion per gallon) per 100 gallons.

**OLIVES** — Parlatoria scale, oleander scale: Post bloom to June 30, use  $1\frac{1}{2}$  gal. UNI-PAR per 100, or 1 gal. UNI-PAR plus either 1 lb. Parathion 25W, or 2 lbs. 50% Sevin Wettable. July 15 to August 1, use 1 gallon UNI-PAR plus 1 lb. Parathion 25W per 100. July 15 to 60 days before harvest, use 1.5 gal. UNI-PAR per 100.

**BLACK SCALE:** After initial hatch to August 10 to 20, use 1 to  $1\frac{1}{2}$  gal. UNI-PAR per 100.

**WALNUTS** — **CAUTION:** Oil may cause damage on walnut trees that have been dry or poorly fertilized.

**San Jose Scale:** Emergency treatment only. Consult local agricultural extension service before using. Use 0.8 gal. UNI-PAR per 100 gal. of water with 1 lb. Parathion 25WP or 1 to  $1\frac{1}{2}$  lb. Diazinon 50W. Apply post-bloom through June 1. Not to exceed 4 gal. UNI-PAR per acre.

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**NUTRITIONAL POWDERS:** UNI-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 gallon of UNI-PAR.

**RATES PER ACRE**

Crop	Gallons of Dilute Spray of Recommended Dosage	Gallons of Oil per Acre By Concentrate Sprayer (1)
Citrus & Avocados	400 to 3000	18 to 20
Stone Fruit & Almonds	250 to 800	4 to 6 <sup>2</sup>
Apples & Pears	250 to 800	4 to 6 <sup>2</sup>
Olives	400 to 3000	—
Walnuts	400 to 3000	4 to 6
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.

**CAUTION:** 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.
3. When the temperature is above 95 degrees Fahrenheit.
4. Do not use with Captan, Karathane, Morestand, Ornite products (including Cornite), 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 this product through any type of irrigation system.

**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 incineration, or if allowed by burning. If burned, stay out of smoke.

**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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