



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

520562/300  
38/4

SEP 1 1991

OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

Mr. Willard F. Cummings  
Uniroyal Chemical Company, Inc.  
74 Amity Rd.  
Bethany, CT. 06525

Dear Mr. Cummings:

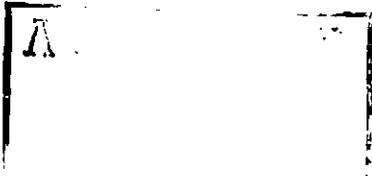
Subject: Label Request  
90-Par  
EPA Reg. No. 400-384  
Submission: Sept. 21, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

We do not find record of any of the supplier listed under this registration as supporting reregistration of petroleum oil. You must resolve this issue satisfactorily if reregistration of this product is to be accomplished.

Sincerely,

Phil Hutton  
Product Manager 17  
Insecticide Rodenticide Branch  
Registration Division H7505c



400-384

# 90-PAR<sup>®</sup>

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

### CAUTION

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

### 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.

## COMPOSITION

Active Ingredient: (% by weight)	
Petroleum Oil .....	98%
Inert Ingredients: .....	2%
Total: .....	100%

## STORAGE AND DISPOSAL

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

**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 the state and local authorities

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

### AVISO

**PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente**

### 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.

See left side panel for additional precautionary statement.

UNIROYAL CHEMICAL COMPANY, INC.

Middlebury, CT 06749

EPA REG. NO. 400-384

EPA EST. NO.

- 90-PAR is a Registered Trademark of UNIROYAL CHEMICAL COMPANY, INC.

NET WEIGHT:

### REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written or oral warnings must include the following information:

**"CAUTION"** Area to be treated with Petroleum Oil on (date of application). Do not enter without appropriate protective clothing until sprays have dried.

### USE DIRECTIONS

**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, 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 concentrate 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. actual 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 gallons 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 1 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** - Big Scale Dormant: Use 3 gallons 90-PAR/100 gallons of spray mixture or 2 1/2 gallons 90-PAR/100 gallons of spray mixture plus 1/2 pint Parathion 4 Emulsifiable

**GRAPES DORMANT** - Mealy bug: Use 1 gallon of 90-PAR plus 1 quart of Parathion 4-E 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 pre-bloom 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: 1 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

Crops	Gallons of Dilute Spray at Recommended Dosage	Gallons of Oil per Acre by Air or by Concentrate Sprayer <sup>1</sup>
Citrus	400-3000	12-15
Stone Fruits and Almonds	250-800	4-6
Apples and Pears	250-800	4-6
Olives	400-3000	—
Grapes	50-300	1-2

<sup>1</sup> Application in 50 to 100 gallons of spray mixture per acre is preferred but not required, depending on the spray equipment used

For shipping fruit, use the 6 gal /acre 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<sup>®</sup> and NUTRA-SPRAY<sup>®</sup> foliar nutrient powders which may be used at the rate of 1 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
3. When the temperature is above 95 degrees Fahrenheit
4. Do not use oil with Captan, Dichlone, Glyodin, 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".

**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.

