

PM 12548407-437

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US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

407-437

February 27, 1990

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

EMULSN Spray Oil No. 1

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Imperial, Inc.  
P.O. Box 90  
Shenandoah, IA 51601

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 407-437" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

Dennis H. Edwards, Jr.  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosures

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Dennis H. Edwards Jr.

DATE

2/27/90

Labeling Resubmission  
EPA letter of Feb. 15, 1989  
Corrected labeling 1/26/90  
as per Carl Andreasen

1/26/90  
front panel

ACCEPTED  
with COMMENTS  
to EPA Letter dated

IMPERIAL

FEB 27 1990

EMULSN SPRAY OIL NO. 1

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
407-437

ACTIVE INGREDIENT

Petroleum Oil .....99.0%

INERT INGREDIENT..... 1.0%

-----  
100.0%

\*Minimum Unsulfonated Residue ..... 92.0%

70 Seconds Viscosity Type Oil Base

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Aspiration may be a hazard. Give vegetable oil demulcents. Call a physician or your Poison Control Center if large volume has been swallowed.

IF IN EYES: Flush with plenty of water.

IF ON SKIN: Remove contaminated clothing. Wash affected area with soap and water. Launder clothing before reusing.

IF INHALED: Remove the victim to fresh air and apply artificial respiration if indicated.

NOTE TO PHYSICIAN: May cause chemical pneumonia if aspirated. If lavage is performed, suggest endotracheal and/or esophagoscopy control.

SEE SIDE PANEL FOR ADDITIONAL WARNING STATEMENTS

EPA REG. NO. 407-xxx EPA EST. NO. 407-IA- I

MANUFACTURED BY  
IMPERIAL INC.  
SHENANDOAH, IOWA 51601  
NET CONTENTS \_\_\_\_\_

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly after handling.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

Do not apply this product through any type of irrigation system.

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.

**DIRECTION FOR USE**

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

Do not apply this product in such a manner as to directly or through drift expose worker or other persons. The area must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried.

**CAUTION**

When this product is used in combination with parathion or malathion, observe all precautionary directions on those labels. Use in this manner requires written or oral warnings, protective clothing and reentry intervals. Do not use parathion mixture around the home.

**STORAGE AND DISPOSAL**

**STORAGE**----Do not contaminate water, food or feed by storage or disposal. Keep container closed when not in use. Protect from freezing. Keep in shade. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent.

**PESTICIDE DISPOSAL**----Pesticide waste are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If this waste cannot be disposed of by use according to label instructions, contact your State Environmental Agency or nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL**----Triple rinse or equivalent and offer for reconditioning or dispose of in sanitary landfill or if plastic by incineration or if allowed by local authorities by burning.

**MIXING DIRECTIONS**

Always use some form of agitation! Using agitation, fill the spray tank 1/3 full of water. If other pesticides are used, add them at this time. Continue agitation and filling until tank is 1/2 full and add this product and continue agitation to insure complete emulsification.

5. 10. 2004

**WARNING**

Do not use spray tank unless it is free of sulfur or captan residue. Do not use with sulfur or follow a sulfur spray or apply sulfur after this product for at least 30 days. If sufficient time has not elapsed, foliage will show "burning" within several days. Do not apply captan within 90 days after or 60 days before using this product. Do not use when temperature is above 90° F, weather is rainy, or trees are diseased, stressed by drought or during high nitrogen applications. Apply when temperature is above 40° F.

**DORMANT OR DELAYED DORMANT SPRAYS**

- APPLES**-Rust mite control aid-- 1 1/2 to 2 gal. per 100 gallons water. (4 tablespoons per gal. water)
- APPLES, PEARS**-San Jose Scale, Italian Pear Scale, Aphid eggs, Red Spider Mites. 2 gal. per 100 gallon water. (5 tablespoons per gal. water)
- PEARS**- Pear Psylla, Blister Mite (Fall spray) 2 gal. per 100 gallon water. (3 tablespoons per gal. water)
- GRAPES**- Mealybug-1 gal. plus 1 qt. of parathion 4 E.C. per 100 gal. water. Use 200 to 400 gal. spray per acre depending on size of vines.
- APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES, ALMONDS, WALNUTS**-Scales: Brown Apricot, Black, San Jose, Olive, Oleander, Frosted, Italian Pear, European Fruit Lecanium, Putman, Soft Brown, Aphid eggs, Red Spider Mites.-2 gal. per 100 gal. water (5 tablespoon per gal. water) **FIGS**- Fig Scale 3 gals. per 100 gallons water. For heavy infestation, use 2 1/2 gals. plus 1/2 pints of parathion 4 E.C. per 100 gal. water.
- ORNAMENTALS AND SHADE TREES**- Birch, Flowering Cherry, Dogwood, Evergreens, (May cause discoloration of Blue Spruce). Do not use on evergreens and ferns not tolerant of oil sprays, Hawthorn, Holly, Magnolia, Maple, Oaks, Flowering Peach, Privet, Pyracantha, Sycamore, Red Spider Mites and eggs; Scales-Soft Brown, Oyster Shell, Brown Apricot, Black and San Jose.
- DECIDUOUS VARIETIES**-2 gals. per 100 gal. water. (5 tablespoons per gal. water.) Evergreen varieties-1 gal. per 100 gal. water. (2 tablespoons per gal. water).

**SURGER SPRAYS**

- APPLES, PEARS**- San Jose, Italian Pear Scales, Pear Psylla, Aphid eggs, Rust mite control aid-1 to 1 1/2 gal. per 100 gallons water (3 tablespoons per gal. water). Red Spider Mites, 3 to 4 quarts per. 100 gal. water. (2 tablespoons per gallon of water).
- APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES, ALMONDS, WALNUTS**.- Red Spider Mites,- 3 to 4 quarts per 100 gal. water (2 tablespoons per gal. water) Brown Apricot and San Jose Scale 1 gal. per 100 gal. water. (2 1/2 tablespoon per gal. water).

**CITRUS AND OLIVES**

- LEMONS AND GRAPEFRUIT**- Scales: Black, Purple, Red, Yellow; Red Spider Mites, 1 to 1 1/4 gal. plus 1# Malathion 25W per 100 gal. water. For better control of Red Scale spray during winter and spring when trees are more tolerant of oil sprays. Do not apply during full bloom or within 8 weeks of harvest on lemons.
- NAVEL ORANGES**- Red Spider Mites, Scales: Black Purple, Red, Yellow; Red Spider 1 to 1 1/4 gal. plus 1# Malathion 25W per 100 gallons. Do not use during full bloom or after September 1st.
- VALENCIA ORANGES**- Red Spider Mites, Scales: Black, Purple, Red, Yellow,-1 gal. per 100 gal. water (2 1/2 tablespoons per gal. water) Use no later than September 1st or 3 quarts plus 1# Malathion 25W per 100 gal. water. Do not use during full bloom or after September 15th.

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OLIVES- Spider Mites, S...les; Parlatoria, Oleander, al. Black: Prebloom or Postbloom up to buckshot-1 1/2 gals or a combination of 1 gal. plus 1/2 pint parathion 4 E.C. per 100 gal. water.

WARRANTY- Seller makes no warranty, express or implied concerning the use of this product other than indicated on label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use, storage or handling of this material when these factors are contrary to label directions. Buyers or users exclusive remedy for damages for breach of this warranty shall be limited to direct damages not exceeding purchase price and shall not include incidental or consequential damages.

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