



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

MAR 15 1994

GENE R. CURRIE  
IMPERIAL INC.  
BOX 98  
SHENANDOAH, IA 51601

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 8/19/93 Response to PR Notice 93-7  
EPA Reg. No. 407-437  
EMULSN SPRAY OIL NO. 1

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

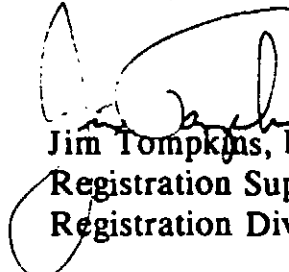
Submit the final printed labeling via the U.S. Postal Service to:

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

BL  
7-11  
2005

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Gene R. Currie  
IMPERIAL INC  
BOX 98  
SHENANDOAH IA 51601

Comment for: EPA Reg Nr.407-437  
EMULSN SPRAY OIL NO. 1

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

The glove requirement for "applicators and other handlers" in the "Personal Protective Equipment" section on your proposed labeling is missing or does not match the chemical-resistance category identified on your proposed labeling. Correct the chemical-resistant category statement (if necessary) to state: "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." Remove the incorrect glove requirement (if any) and add "Chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or viton." The exact location is shown in Sections A and B on Part I of the product Worksheet in Supplement Three-A to PR Notice 93-7.

The glove requirement for early entry in the Agricultural Use Requirements box on your proposed labeling is missing or incorrect. Remove the incorrect requirement (if any) and add "Chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or viton". The exact location is shown in Sections F and G on Part 2 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

Correct the typographical errors circled on your proposed label.

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WPS SUBMISSION

CIP 17 18. 187030.

IMPERIAL  
EMULSN SPRAY OIL NO. 1

<b>ACTIVE INGREDIENT</b>	
Petroleum Oil *	99.0%
<b>INERT INGREDIENT</b>	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 Poison Control Center if large volume has been swallowed.

**IF IN EYES:** Flush with plenty of water.

**IF ON SKIN:** Wash affected area with soap and water.

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

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

SEE SIDE PANEL FOR ADDITIONAL WARNING STATEMENTS

EPA REG. NO. 407-437  
EPA EST. NO. 407-IA-1

B-90

MANUFACTURED BY  
IMPERIAL INC.  
SHENANDOAH, IA 51601

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 18 1994  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
407-437

NET CONTENTS \_\_\_\_\_

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.

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 a EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or ~~nitrile~~ rubber, or vitron.
- Shoes plus socks. NEOPRENE

Follow manufacturers instructions for cleaning or maintaining PPE If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, <sup>DRINKING</sup> chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. For terrestrial uses do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

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

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

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 butyl rubber or nitrile rubber or neoprene or vitron. <sup>NEOPREN 2</sup>
- Shoes plus socks.

**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.

**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.

**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.

**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 90o F, weather is rainy, or trees are diseased, stressed by drought or during high nitrogen applications. Apply when temperature is above 40oF.

**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.(5 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).

#### SUMMER 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.

OLIVES- Spider Mites, Scales; Parlatoria, Oleander, and 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.