



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

File 10/7

Nov. 3 1994

Judy Oldham  
HELENA CHEMICAL CO.  
6075 POPULAR AVE SUITE 500  
MEMPHIS, TN 38119

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/25/93 in Response to PR Notice 93-7  
EPA Reg. No. 5905-294  
HELENA BRAND FLAG SOL-OIL 97

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. 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:**

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

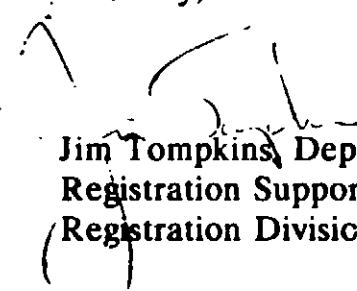
Submit the final printed labeling via the U.S. Postal Service to:

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Judy Oldham  
HELENA CHEMICAL CO  
6075 POPLAR AVE SUITE 500  
MEMPHIS TN 38119

Comment for: EPA Reg Nr.5905-294  
HELENA BRAND FLAG SOL-OIL 97

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

No comment.

# SOL-OIL 97

A SOLUBLE OIL FOR USE IN WATER ON CITRUS

**ACTIVE INGREDIENTS:**

Petroleum Oils\* ..... 97.2%

**INERT INGREDIENTS:** ..... 2.8%

TOTAL ..... 100.0%

\*Unulfonated Residue - 96-98%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See Inside Booklet for Additional Precautionary Statements

EPA REG. NO. 5905-294

EPA EST. NO.

NET CONTENTS:

PATENT PENDING

**MANUFACTURED BY:  
HELENA CHEMICAL COMPANY  
MEMPHIS, TN. 38119**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
MAR 3 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
5905-294

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

**CAUTION**

Harmful if swallowed. Avoid breathing of spray or vapors. Avoid contamination of food and food-stuffs.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Do not induce vomiting. Do not give liquids. Obtain medical assistance.

**IF INHALED:** Move to fresh air. If irritation develops, consult a physician.

**IF IN EYES:** Flush eyes with water for at least 15 minutes, holding eyelids open. If irritation develops, consult a physician.

**IF ON SKIN:** Wash skin thoroughly with soap and water. If irritation develops, consult a physician.

**PERSONAL PROTECTIVE EQUIPMENT**

**Applicators and other handlers must wear:**

- Long-Sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/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, 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**

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal or equipment washwaters.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill or store near heat or open flame.

**CHEMIGATION PROHIBITION**

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 160. 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 only apply 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
- Waterproof gloves
- Shoes plus socks.

**STORAGE AND DISPOSAL**

**STORAGE:** Keep container well sealed. Protect from excessive heat.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**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.

**GENERAL INFORMATION**

Do not apply oil sprays when trees are wilting or near wilting. In general, a period of 3 or more weeks should elapse between an application of sulfur or lime sulfur and an oil spray. Oil sprays applied after October 1 increase the susceptibility of trees to cold injury and may reduce the crop the following year.

Oil sprays should not be applied on bearing trees during August and September, since during this period they will seriously reduce the solids content of the juice and retard coloring. Oil sprays applied when the fruit is between 3/4" and 1-1/2" in diameter may result in oil blotch.

Avoid spraying with oil during periods of excessively high temperature (over 90° F.). Do not spray with this material if weather reports indicate freezing temperatures.

Do not use this material if it does not mix with water. Do not use in undiluted form.

### MIXING AND SPRAYING

Pour recommended amount into nearly filled spray tank. Keep agitator running during filling, mixing and spraying operations. Do not allow mixture to stand. For scalicides to be effective, complete coverage is essential, necessitating a thorough inside and outside tree application.

**CITRUS:** *Florida Red Scale. Purple Scale. Soft Brown Scale. Black Scale. White Flies* - Use 5 to 6-1/2 gallons of SOL-OIL 97 to 500 gallons of water for approximately 1.0 to 1.3% oil strength. **FOR RED SPIDER CONTROL ONLY** - dosage may be reduced to 2-1/2 to 3 gallons per 500 gallons of water for .50 to .57% oil strength.

### CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man, or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against the Company exceed the price of the product which causes the alleged loss, damage, injury, or other claim. The Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income.

The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability, and remedies.