

5905-294

7/6/2010

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL 6 2010

587766

332/1300

Ms. Catherine Byrd
Agent for Helena Chemical Company
Wagner Regulatory Associates, Inc.
P.O. Box 640
Hockessin, DE 19707

Dear Ms. Byrd:

Subject: SOL-OIL 97
EPA Registration Number 5905-294
Your Submissions dated June 28, 2010, and July 1, 2010

The Agency has received your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated June 28, 2010, for the product Sol-Oil 97, EPA Reg. No. 5905-294. The Registration Division (RD) finds that the action requested, as modified by the submission of July 1, 2010, falls within the scope of PRN 2007-4.

The label submitted on July 1, 2010, should have been accompanied by a new certification statement attesting that the only changes made to the label were those pertaining to PR Notice 2007-4.

If you have any questions regarding this letter, you may reach me by phone at 703-305-6406, by FAX at 703-308-0029, or via e-mail at jacobs.bill@epa.gov.

Sincerely yours,

A handwritten signature in black ink, appearing to read "William W. Jacobs".

William W. Jacobs
Insecticide-Rodenticide Branch
Registration Division (7505P)

| | | | |
|--|-------------------------------------|---------------------|-----------------------|
|  United States Environmental Protection Agency Washington, DC 20460 | <input checked="" type="checkbox"/> | Registration | OPP Identifier Number |
| | <input type="checkbox"/> | Amendment | |
| | <input type="checkbox"/> | Other | |

Application for Pesticide - Section I

| | | |
|--|---|--|
| 1. Company/Product Number 5905-294 | 2. EPA Product Manager Venus Eagle | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Sol-Oil 97 | PM# 1 | |
| 5. Name and Address of Applicant (Include Zip Code) Helena Chemical Company c/o Wagner Regulatory Associates, Inc. P.O. Box 640 Hockessin, DE 19707 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. Product Name JUL 06 2010 | |

Section - II


| | |
|--|--|
| <input type="checkbox"/> Amendment - Explain below. | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application. |
| <input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Other - Explain below. |

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
 Notification of label change per PR Notice 2007-4. This notification is consistent with the provisions of PR Notice 2007-4 and EPA Regulations at 40 CFR 156.10, 154.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the requirements 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section - III

| | | | |
|---|--|---|---|
| 1. Material This Product Will Be Packaged In: | | | |
| Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) HDPE lined bags |
| * Certification must be submitted | | If "Yes" Unit Packaging wgt. No. per container | If "Yes" Package wgt. No. per container |
| 3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container 1 gal., 2.5 gallon, 5 gallon, 30 gallon | 5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product |
| 6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other ___ adhesive backed label _____ | | | |

Section - IV

| | | |
|---|---|--|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Cheryl Wagner | Title Agent for Helena Chemical Company | Telephone No. (Include Area Code) (302) 234 8551 |
| Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law. | | 6. Date Application Received (Stamped) |
| 2. Signature  | 3. Title Agent for Helena Chemical Company | |
| 4. Typed Name Cheryl Wagner | 5. Date June 28, 2010 | |

June 28, 2010



Wagner Regulatory Associates, Inc.
P.O. Box 640
7460 Lancaster Pike, Suite 9
Hockessin, Delaware 19707

Document Processing Desk (NOTIF)
ATTN: William Jacobs, PM 1
Registration Division (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, Virginia 22202-4501

Dear Mr. Jacobs:

Re: Sol-Oil 97
EPA Registration Number 5905-294
Notice of Revised Storage & Disposal Label Language

In response to your letter dated June 24, 2010, Wagner Regulatory Associates, Inc., hereby submits to the Agency revised storage and disposal language and a revised Notification form as you requested.

Please feel free to contact me at (302) 234-2780 if you have any questions or require additional information.

Respectfully submitted,

Cheryl Wagner
Agent for Helena Chemical Company

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NOTIFICATION

SOL-OIL 97

A SOLUBLE OIL FOR USE IN WATER ON CITRUS

SPECIMEN LABEL

MANUFACTURED FOR:
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017

JUL 06 2010

ACTIVE INGREDIENTS:

Mineral Oil* 97.2%

INERT INGREDIENTS: 2.8%

TOTAL 100.0%

*Unulfonated Residue - 96-98%

*Contains petroleum distillates.

NOTE: This product **not** intended for greenhouse use.

| | |
|--|--|
| KEEP OUT OF REACH OF CHILDREN | |
| CAUTION | |
| PRECAUTIONARY STATEMENTS | |
| HAZARDS TO HUMANS & DOMESTIC ANIMALS | |
| CAUTION | |
| Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. | |
| FIRST AID | |
| IF ON SKIN OR CLOTHING: | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor immediately for treatment advice |
| IF SWALLOWED: | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to a person. • Do not give anything to an unconscious or convulsing person. |
| IF INHALED: | <ul style="list-style-type: none"> • Move victim to fresh air. • If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. |
| IF IN EYES: | <ul style="list-style-type: none"> • Hold eyelid open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor immediately for treatment advice. |
| HOT LINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call ChemTrec at 1-800-424-9300. | |
| NOTE TO PHYSICIAN: This product contains petroleum distillates and may pose an aspiration pneumonia hazard. Do not induce vomiting. | |
| SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS. | |

SN 0108/1009

NET CONTENTS:

EPA REG. NO. 5905-294

EPA EST. NO. 5905-FL-001

Disclaimer: Always refer to the label on the product before using Helena or any other product.
10May2010-revised storage & disposal draft

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of barrier laminate, nitrile rubber, neoprene rubber or viton. If you want more options, follow the instructions for category E or an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long-Sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves

See **ENGINEERING CONTROLS** for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

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.
- 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 CONTROLS

Pilots must use enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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 or rinsate.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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.

Rec'd 7/1/10

5066

SPECIMEN LABEL

Swath Adjustment: When applications are made cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downward edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.

USE RESTRICTIONS AND PRECAUTIONS

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

Do not apply oil sprays when trees are wilting or near wilting.

Allow a period of 3 weeks or more between application of sulfur or lime and application of an oil spray.

Do not apply oil sprays during periods of excessively high temperature (over 90°F). Do not apply this product when weather reports indicate or predict freezing temperatures.

Oil sprays applied after October 1 increase the susceptibility of trees to cold-related injury and may reduce the crop in the following year.

Oil sprays applied to fruit-bearing trees during August and September may seriously reduce the solids content of the juice and retard coloring. Oil sprays applied when fruit is between 3/4 inch and 1-1/2 in diameter may cause oil blotch.

MIXING INSTRUCTIONS

1. Add enough water to the mixing tank for proper agitation.
2. Add micronutrients and other desired pesticides. If dry pesticide products are used, mix the materials with water thoroughly so that they are completely dispersed in the mixing tank. DO NOT add SOL-OIL 97 before a uniform mixture of pesticide and water is obtained.
3. Maintain agitation of the mix until the spray is applied. Flush any spray mix remaining in hoses back into the tank if the solution stands for more than 20 minutes.
4. Ensure that spray equipment is thoroughly clean so that residues from other applications do not remain.

For scalcicides to be effective, complete coverage is essential, necessitating a thorough inside and outside tree application.

ASPARAGUS, BEANS, BEETS, CORN, SQUASH, TOMATOES, CUCURBITS & PEPPERS: To control aphids, mites, beetle larvae, leaf miners, and caterpillars, use 1 to 2 gallons of SOL- OIL 97 in 100 gallons of water.

CITRUS: To control spider mites, whiteflies, and loosening sooty mold, use 5 gallons of product per acre. To control scale insects, greasy spot, and citrus rust mites, use 10 gallons of product per acre. Mix product in sufficient water to ensure thorough coverage of leaves, twigs & fruit. For controlling scale insects, complete coverage is essential. A thorough inside- and outside-tree application is needed.

Do not exceed a maximum of 159 pounds of active ingredient (in a maximum volume of 1500 gallons of pray mix) per acre when treating citrus in Florida and Texas. Do not exceed a maximum of 212

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10May2010-revised storage & disposal draft

pounds of active ingredient (in a maximum volume of 2000 gallons of spray mix) per acre when treating citrus in California.

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

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

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 or 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. To the extent permitted by applicable laws, the Company makes no other warranties of any kind, expressed or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose.

To the extent permitted by applicable laws, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, 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.

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SPECIMEN LABEL

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.

STORAGE AND DISPOSAL

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

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or, by other procedures approved by state and local authorities.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or, by other procedures approved by state and local authorities.

REFILLABLE CONTAINER: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or, by other procedures approved by state and local authorities.

Batch (lot) Code: _____

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 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
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (ground, aerial, or airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product. The restrictions pertaining to wind speed, temperature inversions and droplet size apply to all of the methods of application permitted for this product.

Wind Speed: Do not apply at wind speeds greater than 15 mph at the application site.

Temperature Inversions: If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions.

Droplet Size: Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

Ground Spray Applications: Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

Airblast Equipment Application: Turn off outward pointing nozzles at row ends when spraying outer row. To minimize spray loss over the top in citrus applications spray must be directed into canopy.

Aerial Applications: Do not release spray at a height greater than 10 feet above the ground, top of crop, or above the canopy in citrus.

Boom Length: The boom length must not exceed 75% of the wingspan or 90% of the rotor blade's diameter.