



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

DEC 4 2002

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Emily Smathers Ratliff
Product Registration Supervisor
Helena Chemical Co.
6075 Poplar Ave. Suite 500
Memphis, TN 38119-4702

Subject: Label Amendment: Add Pistachios directions for use.
Par F 70 Soluble Oil
EPA Reg. No. 5905-520.
Submissions dated March 30, 2002.

Dear Ms. Smathers Ratliff:

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following comments:

Your First Aid statement is incomplete per PR Notice 2001-1. The recommended wording for First Aid for petroleum products are presented in the following table:

FIRST AID

Have the product container or label with you when calling a poison control center or doctor or going for treatment

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 by a poison control center or doctor. • Do not give any liquid to a person • Do not give anything to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • Hold eye 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 for treatment advice.
If on skin:	<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 for treatment advice.

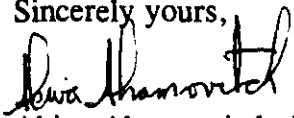
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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The "Note to Physician" should state "Contains petroleum distillate-Vomiting may cause aspiration pneumonia"

The Precautionary Statement must be updated to say "Harmful if swallowed or inhaled. Avoid contact with skin eyes or clothing. Wash Thoroughly with soap and water after use".

Add to the Disposal Statement "do not contaminate water, food or feed by storage or disposal" A stamped copy of the label "accepted with comments" is enclosed for your records.

Please submit two copies of the final printed labels for our files. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

 Akiva Abramovitch, Ph.D.
 Chemist
 Insecticide-Rodenticide Branch
 Registration Division (7505C)

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Par F 70 Soluble Oil

Insecticide-Miticide

For Agricultural Use Only

ACTIVE INGREDIENT:

Petroleum Oil 99.0%

INERT INGREDIENTS: 1.0%

TOTAL:..... 100.0%

Classification - Unclassified
Unulfonated Residue - 92% Minimum

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Other Panels for Precautionary Information.

EPA REG. NO. 5905-520

EPA EST. NO.

CASN XXXX

In EPA Letter Dated:

DEC 4 2002

NET CONTENTS:

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

5905-520

**Manufactured by
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TN 38017**

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

Harmful if swallowed. Do not induce vomiting. Call a physician immediately.

FIRST AID

- | | |
|----------------------|---|
| 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| IF INHALED: | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| IF IN EYES: | <ul style="list-style-type: none"> • Hold eye 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 eye. • Call a poison control center or doctor for treatment advice. |

HOT LINE NUMBER

Have product container with you when calling a poison control center or going for medical treatment.
IN CASE OF EMERGENCY, call ChemTrec 800-424-9300.

NOTE TO PHYSICIAN: Petroleum distillate may pose an aspiration pneumonia hazard.

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 an 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, nitrile rubber, neoprene rubber or viton.
- Shoes plus socks.
- Chemical-resistant headgear for overhead exposure.

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.

Engineering Controls Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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

Keep out of lakes, ponds and streams. 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 by cleaning of equipment or disposal of wastes.

Do not apply when weather conditions favor drift from areas treated.
Do not apply where runoff is likely to occur.

Do not use in a manner or at a time other than in accordance with label directions because animal, plant, or crop injury, illegal residues or other undesirable results may occur.

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 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
- Chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or viton.
- Shoes plus socks
- Chemical-resistant headgear for overhead exposure.

STORAGE AND DISPOSAL

Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call Chemtrec: 1-800-424-9300.

Disclaimer: Always refer to the label on the product before using Helena or any other product.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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

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. Do not cut or weld metal containers.

Note to User:

Use efficient equipment of the proper type; avoid spraying during or immediately prior to hot or freezing weather, hot, dry winds, rain or other unsuitable conditions; avoid overspraying or double spraying. Plants should be sprayed only when in vigorous condition and when their moisture condition is suitable.

On Citrus do not mix with sulphur or apply within 60 days prior to, or after, a sulphur treatment.

On Deciduous trees do not mix with sulphur or apply within 30 days to 2 weeks prior to, or after, a sulphur treatment.

Do not mix with pesticides incompatible with oil.

DIRECTIONS FOR MIXING

Before using this product, be sure the spray tank is clean and contains just enough water to cover the agitator shaft. With agitator running, start filling tank with water. Add oil when tank is about half filled.

If an injector is used, first add 25 to 50 gallons of water to tank with engine running to provide good pressure. Then put injector suction tube into the measured amount of spray oil, opening injector valve to allow the oil to be sucked into the tank. Then fill the tank with water.

Use only in equipment with mechanical or paddle agitation. Be sure spray tank is clean. With enough water in tank to cover agitator shaft add desired amount of this material to the tank with agitator in motion. Pump this mixture through the overflow and back into tank for about two minutes. If this mixture turns white, it indicates good emulsification. Fill the tank with water, adding other desired materials as tank is filling. Keep agitator running at all times.

DO NOT USE THIS MATERIAL IF IT DOES NOT EMULSIFY.

Apply when insects first appear and repeat as necessary. Do not use in undiluted form.

ALMONDS, APRICOTS, CHERRIES, NECTARINES, PEACHES: Summer Use: **Red Spider Mite** - Use 1 to 1-1/2 gallons per 100 gallons of water. Dormant or Delayed Dormant: **Apricot Scale, Black Scale, San Jose Scale, Olive Scale, Mite Eggs, Aphid Eggs** - Use 2 gallons per 100 gallons of water.
Delayed Dormant: **Leafroller Eggs** - Use 2-1/2 gallons per 100 gallons of water.

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APPLES, PEARS, PLUMS, PRUNES: Summer Use: **Spider Mites** - Use 1 to 1-1/2 gallons per 100 gallons of water. Certain varieties of Plums and Prunes may be injured by oil sprays. Check tolerance prior to treatment.

LEMONS: **Red Scale, Black Scale, Red Spider** - Use 1-1/5 to 1-2/5 gallons per 100 gallons of water. Apply in late spring and late summer through December.

NAVEL AND VALENCIA ORANGES: **Red Scale, Yellow Scale, Citricola Scale, Purple Scale, Black Scale, Red Spider** - Use 1-1/5 to 1-2/5 gallons per 100 gallons of water. Apply in late summer through October.

OLIVES: **Olive Scale, Oleander Scale, Black Scale** - Use 1-1/2 to 2 gallons per 100 gallons of water. May be applied during the post-bloom through post-harvest periods.

PISTACHIOS: Dormant or Delayed Dormant Applications: **Soft Scale, Wintering Phytocoris** –for use alone or in combination with other registered products shown effective for **Soft Scale**.

For concentrate applications: Use 4 to 8 gallons of **Par F 70 Soluble Oil** in 70 to 150 gallons of water per acre. No more than 6% v/v solution are permitted as a concentrate application.

For dilute applications: Use 5 to 10 gallons of **Par F 70 Soluble Oil** in 250 to 500 gallons of water per acre. No more than 2% v/v solution are permitted as a dilute application. For moderate to severe insect population, the concentrate applications are recommended. For best results, apply by mid-February. Applications made in January or February, especially at higher rates, may result in advanced bud break and bloom, which may increase the potential for frost damage. Do not apply the product when the orchard is not vigorous or when under stress.

WALNUTS: Summer Use: **Spider Mites, Soft Scales** - Use 1 gallon per 100 gallons of water. Apply 200 to 400 gallons of water per acre. Do not apply more than 4 gallons of **Par F 70 Soluble Oil** per acre.

Delayed Dormant: **Scale and Overwintering Mite Eggs** - Use 2 gallons per 100 gallons of water. Apply in sufficient water for thorough coverage. Apply a minimum of 200 gallons of water per acre. This treatment should only be used on trees that have not suffered from lack of moisture at any time during the growing season. Further, oil should not be applied to orchards where soil moisture is low.

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY

**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

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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 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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