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OCT 04 1996

Mr. R. Franklin Handy
Drexel Chemical Company
P.O. Box 13327
Memphis, Tennessee 38113-0327

Subject: Revised Labeling--Restricted Entry Interval
415 Oil 98
EPA Registration Number 19713-392
Your Application Dated July 22, 1996

Dear Mr. Handy:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, is acceptable provided that you make the labeling changes indicated below before you release the product for shipment bearing the amended labeling:

1. Revise the Statement of Practical Treatment/If Inhaled to "Remove victim to fresh air. Apply respirator if indicated."

2. In the Precautionary Statements box, revise the Personal Protective Equipment (PPE) requirements for applicators and other handlers to "Long-sleeved shirt and long pants, chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or viton, and shoes plus socks."

3. On page 3, in the list of uses, delete item 7, "May be used with ethyl parathion on figs, grapes and walnuts." (Note that the only crops for which ethyl parathion is registered are alfalfa, barley, canola, corn, cotton, sorghum, soybeans, sunflower and wheat.)

4. In the Agricultural Use Requirements box, revise the PPE requirements for early entry to treated areas to "Coveralls, chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or viton, and shoes plus socks."

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

3 7 8

DREXEL

415 OIL 98

A Superior Horticultural Spray Oil
For Insect and Mite Pest Management

ACTIVE INGREDIENT:	
Refined Petroleum Distillate*	98.0 wt%
INERT INGREDIENT:	
Emulsifier	2.0 wt%
TOTAL:	100.0 wt%

*Unsulfonated Residue of Petroleum Distillate	92.0% Min
*50% Distillation Point of Petroleum Distillate	414.0° F
*Flash Point	345.0° F
Weight per Gallon	7.1 Lbs

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.
IF ON SKIN: Wash with soap and water.
IF IN EYES: Flush with water.
IF INHALED: Avoid breathing of spray mists or vapors.

EPA Reg. No.: 19713-392
EPA Est. No.: 19713-

NET CONTENTS:

Manufactured By:
Drexel Chemical Company
P.O. Box 13327
Memphis, TN 38113-0327

Date 7/16/96

ACCEPTED
with COMMENTS
In EPA Letter Dated

OCT 04 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 19713-392

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with eyes, skin and clothing. Harmful if swallowed. Avoid breathing of spray mists or vapors. Avoid contamination of foodstuffs.

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
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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

MIXING DIRECTIONS

1. Add sufficient water to the mixing tank to allow proper agitation by pump or paddles.
2. Add other desired pesticides, if wettable powder formulation, mix the water and powder thoroughly so that the powder is totally suspended in the water before the oil is added. If the other pesticide to be added is an emulsifiable formulation, do so after the oil and water have been thoroughly mixed.
3. Add oil under agitation when 3/4 full, topping off with water to form a milky solution.
4. Maintain agitation until solution is used.
5. In small equipment lacking agitators, stir or shake diluted spray frequently during application.
6. It is important for users to read and follow all directions and restrictions on the labels of the proposed tank mix products.
7. Flush fluid in sprayer hose lines back into tank reservoir if fluid is allowed to stand for more than 20 minutes.

Dilute Applications:	Apply specified rate of Drexel 415 OIL 98 in 100 to 800 gallons water/acre
Concentrate Applications:	Apply specified rate of Drexel 415 OIL 98 in 50 to 150 gallons water/acre
Aerial Applications:	Apply specified rate of Drexel 415 OIL 98 in 10 to 20 gallons water/acre

APPLICATION INSTRUCTIONS

The target pest must be completely covered with spray. Oil residue on the plant surface often acts as a feeding deterrent. However, the primary target is the pest animal.

TIMING THE TREATMENT

You must determine the precise timing to fit local growth and climatic conditions.

DO NOT EXCEED MAXIMUM RATES OR APPLY MORE OFTEN THAN RECOMMENDED.

USES

1. For use as a carrier for *Bacillus thuringiensis* when applied through a mist blower or cold fog machine.
2. May be used with ethion and parathion* to obtain two modes of insecticidal action.
3. May be used with permethrin on cotton only.
4. May be used in a tank mix with chlorpyrifos on apples, pears, plums, prunes, peaches, sweet corn and field corn.
5. May be used in a tank mix with methidathion* on apples, pears, plums, prunes, pecans, peaches, ornamentals including shade trees and shrubs, citrus (oranges, grapefruit, lemons).
6. May be used as a spreader or carrier for certain synthetic organic insecticides applied for pest control in/on habitable buildings.
7. May be used with ethyl parathion on figs, grapes and walnuts.

***Note:** Methidathion and parathion are "Restricted Use Pesticides."

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 through any type of irrigation system. 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 4 hours.
PPE required for early entry to treated areas that is permitted under the Worker Protection Standard (WPS) and that involves contact with anything that has been treated such as plants, soil, or water is: coveralls, waterproof gloves, shoes plus socks.

IMPORTANT: Keep oil container tightly closed in storage to prevent entry of water. Roll drum before use. All horticultural oils interfere with or slow plant transpiration and respiration during the period of evaporation. Phytotoxicity may result if sprayed on plants during periods of prolonged high temperature and high relative humidity. Do not spray plants under moisture stress. Do not use in combination with or immediately before or after spraying with fungicides

Crop	Insect Control Aid	Dilution Rate % or Gals of 415 Oil 98 per 100 Gals of Water	Time of Application (Stage of Development)
APPLES	Apple Red Bug	2	Dormant
	European Fruit Lecanium Scale	2	Dormant
	Fruit Tree Leaf Roller	3	Dormant
	European Red Mite	2	Green Tip to Delayed Dormant 1/2" Green
	San Jose Scale	2	Delayed Dormant 1/2" Green
	Scurfy Scale	3	Delayed Dormant 1/2" Green
CHERRIES (SWEET AND TART)	San Jose Scale	2	Dormant
NECTARINES	San Jose Scale	2	Dormant
PEARS	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	3	Dormant
	Pear Psylla	2	Late Dormant
PECANS	Obscure Scale	3	Dormant
PEACHES	Cottony Peach Scale	3	Dormant
PLUMS & PRUNES	European Red Mite European Fruit Lecanium Scale	2	Dormant to Delayed Dormant 1/2" Green
SWEET CORN FIELD CORN	Ear Worms	2	Summer
	Fall Army Worm Corn Root Worm	2	Spring - Early
SUGAR BEETS	Mites Leaf Miner	2 Gal/Acre	As Needed
BLUEBERRIES	Scales	3	Dormant
	Mites	2	Summer
GRAPES	Mealybugs	1 Gal/Acre	Dormant
FIGS	Scale (Severe)	3 Gal/Acre or 2 Gal/100 Gals Water	Dormant/Delayed Dormant
OLIVES	Scales	1.5 Gal/100 Gal Water	Preblocm or Postbloom to Buckshot
ALMONDS	Aphid Eggs Scales	1	Summer
	Spider Mites	1 - 1.5	Dormant

Crop	Pest	Dilute Gals/100 Gals	Concentrate* Gal/Acre
CITRUS	Citrus Rust Mite Scale Insects Greasy Spot Disease	1.5	15
	Spider Mites Whitefly Loosens Sooty Mold	0.75	7.5

*Apply in sufficient water and manner to assure thorough distribution.

Crop	Insect Control Aid	Dilution Rate: % or Gals of 415 Oil 98 per 100 Gals of Water	Time of Application
SHADE TREES & SHRUBS	Aphids Adelgids Certain Caterpillars Gall Mites Lace Bugs Leaf Beetle Larvae Mealybugs Plant Bugs (Immature) Psyllids (Immature) Sawfly Larvae Scales (Immature) Spider Mites Whiteflies (Immature)	2-3 3	Summer Dormant
FLOWER & FOLIAGE PLANTS	Aphids Certain Caterpillars Mealybugs Scales (Immature) Spider Mites Whiteflies (Immature)	2	

(Use a lower concentration for more sensitive plants)

such as captan, folpet, dyrene, karathane, morestan or any other product containing sulfur. If possible, either keep the spray equipment used for these compounds separate from the equipment used for oil, or make sure that the sprayer is thoroughly cleaned so that no residue from these compounds remain. Do not use with carbaryl on deciduous fruit trees. Do not use with dimethoate.

SHADE TREE AND ORNAMENTAL PLANT RESTRICTIONS

Oil removes the glaucus (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Spray no more than four times during the growing season; two week minimum application interval. Do not spray to Walnut Foliage. Use lower dosage on oil sensitive plants such as Chamaecypris, Cryptomeria, Japanese Holly, Red Cedar and Smoke Tree.

CITRUS

Oils applied after October may increase cold damage to trees; applied in August and September may affect solid contents, retard color.

EFFICACY

A wide range of mite and insect pests in the egg stage such as: spider and eriophyid mites, armored and soft scales, mealy-bugs, psyllids, whiteflies, aphids, leafrollers, leaftiers, webworms, cankerworms, plant bugs, leafhoppers and adelgids. Will kill other immature forms if spray covers the insect.

STORAGE AND DISPOSAL

1. **Prohibitions:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.
2. **Storage:** Store in a cool, dry, locked area out of the reach of children. Keep oil container tightly closed in storage to prevent entry of water.
3. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
4. **Container Disposal: Metal** - 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. **Plastic** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.
In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.