

OCT 04 1996

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

Subject: Revised Labeling--Restricted Entry Interval  
455 Oil 98  
EPA Registration Number 19713-395  
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. 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."

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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

455 OIL 98

A Superior Horticultural Spray Oil  
For Insect and Mite Pest Management

**ACTIVE INGREDIENT:**  
 Refined Petroleum Distillate\* .....98.0 wt%

**INERT INGREDIENTS:**  
 Emulsifier.....2.0 wt%

**TOTAL:**.....100.0 wt%

\*Unulfonated Residue of Petroleum Distillate .....92.0% Min.  
 \*50% Distillation Point of Petroleum Distillate .....455°F  
 \*Flash Point .....375°F  
 Weight per Gallon .....7.2 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.: 19713-395  
 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.  
19713-395

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**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 food or 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 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, mixing thoroughly prior to the addition of oil.
3. Add oil under agitation when 3/4 full, topping off with water to form milky solution.
4. Maintain agitation until solution is used.
5. In small equipment lacking agitators, stir or shake diluted spray frequently during application.

- |                                  |  |
|----------------------------------|--|
| <b>Dilute Applications:</b>      | Apply specified rate of Drexel 455 Oil 98 in 100 to 800 gallons of water/acre. |
| <b>Concentrate Applications:</b> | Apply specified rate of Drexel 455 Oil 98 in 50 to 150 gallons of water/acre.  |
| <b>Aerial Applications:</b>      | Apply specified rate of Drexel 455 Oil 98 in 10 to 20 gallons of water/acre.   |

**TIMING THE TREATMENT**

See the table in this booklet for general use. You must determine final timing to fit local growth and climatic conditions.

**DO NOT EXCEED MAXIMUM RATES OR APPLY LATER THAN RECOMMENDED.**

**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 and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls, waterproof gloves, shoes plus socks

**GENERAL**

Do not apply when plants are in or near wilting. Observe all cautions and limitations on labels of products recommended for mixture with oil.

**DO NOT USE** 455 Oil 98 in combination with or immediately preceding or following applications of chloropropylate, captan, dyrene, dikar, dichlone, folpet, karathane, morestan, morocide, sulfur compounds, propargite and carbaryl. Check tank mixtures for physical and chemical compatibility. Mix only enough material to do the job.

**ORNAMENTAL PLANTS**

Oil might remove the glaucous (blue) bloom from such evergreens as Colorado Blue Spruce and Koster Spruce. Use with caution and reduced dosage for summer application on Japanese Red Maple, Amur Maple and Black Walnut. Use with caution and reduced dosage for dormant application on Sugar Maple and Redbud.

**CONTROLS**

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

Crop	Insect Control Aid	Application Rate 455 Oil 98 Gallons per 100 Gallons of Dilute Spray	Time of Application (Stage of Development)
ALMONDS	Aphid Eggs, Scales	1	Summer
	Spider Mites	1-1.5	Dormant
APPLES	Apple Red Bug European Fruit	2	Dormant
	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
FIGS	Scale (Severe)	3 gal./Ac. or 2 gal./100 gal. water	Dormant/Delayed Dormant
GRAPES	Mealybugs	1 gal./Ac.	Dormant
OLIVES	Scales	1.5 gal./100 gal. water	Prebloom or Postbloom to Buckshot
PEARS	Fruit Tree Leaf Roller	3	Dormant
	Pear Leaf Blister Mite	3	Dormant
	Pear Psylla	3	Late Dormant
PECANS	Obscure Scale	3	Dormant
PEACHES	Cottony Peach Scale	3	Dormant
PLUMS & PRUNES	European Red Mite	2	Dormant to Delayed Dormant 1/2" Green
	European Fruit Lecanium Scale	2	Dormant to Delayed Dormant 1/2" Green
NECTARINES	San Jose Scale	2	Dormant
CHERRIES (sweet & tart)	San Jose Scale	2	Dormant
BLUEBERRIES	San Jose Scale	2	Dormant
	Putnam Scale	3	Dormant
SWEET CORN	Ear Worms	2	Summer
FIELD CORN	Fall Army Worms, Corn Root Worms	2	Early Spring
SUGAR BEETS	Mites, Leafminers	2 gal./Ac.	As Needed.

Crop	Insect Control Aid	Application Rate 455 Oil 98 Gallons per 100 Gallons of Dilute Spray	Time of Application (Stage of Development)
AZALEA	Azalea Bark Scale, European Red Mite	2	Dormant to Bud Break
FLOWERING CRAB	Azalea Bark Scale, European Red Mite	2	Dormant to Bud Break
FLOWERING CHERRY	Azalea Bark Scale, European Red Mite	2	Dormant to Bud Break
DOGWOOD	Dogwood Scale, San Jose Scale	2	Dormant to Bud Break
EUONYMUS	San Jose Scale	2	Dormant To Bud Break
HOLLY	Holly Scale	2	Dormant to Bud Break
HAWTHORN	San Jose Scale	2	Dormant to Bud Break
JUNIPER	Juniper Scale	2	Dormant to Bud Break
LILAC	San Jose Scale	2	Dormant to Bud Break
PINES	Pine Needle Scale	2	Dormant to Bud Break
PRIVET	White Peach Scale	3	Dormant to Bud Break
RHODODENDRON	Azalea Bark Scale	2	Dormant to Bud Break
ROSE	Rose Scale	2	Dormant
SPIREA	San Jose Scale	2	Dormant to Bud Break

Crop	Pest	Dilute Gals/100 Gal	Concentrate* Gal/Acre
CITRUS	Citrus Rust Mite Scale Insects Greasy Spot Disease	1	10 ●●●●● ●●●●●
	Spider Mites Whitefly Loosens Sooty Mold	0.5	5 ●●●●● ●●●●● ●●●●● ●●●●● ●●●●●

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

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### STORAGE AND DISPOSAL

#### CAUTION

Keep oil container tightly closed in storage to prevent entry of water. Spray only when temperature is above 40°F and there is no danger of freezing. Store drum on side. Roll drum before use.

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 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.