

PM-19

Reg # 19713-395

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
19713-  
395

Date of Issuance:  
**APR 04 1996**

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance: **Until Reregistration**

Name of Pesticide Product:  
**455 Oil 98**

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company  
P.O. Box 13327  
1700 Channel Avenue  
Memphis, Tennessee 38113-0327

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 19713-395."
- b. Add directions in the Statement of Practical Treatment for "IF INHALED." (This is required to be consistent with the Hazards to Humans and Domestic Animals section: "Avoid breathing of spray mists or vapors.")

Signature of Approving Official

DHE

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

Date

**APR 04 1996**

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3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

*DATE*

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

Enclosure

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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

EPA Reg. No 19713- *GOL*  
EPA Est No 19713-

NET CONTENTS

ACCEPTED  
FOR COMMENT  
BY EPA Letter Board

APR 04 1985

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
is amended for the purpose  
of section 240 of EPA Reg. No.  
19713-01

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

**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.

**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 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

**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 the 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, leaf tiers, webworms, cankerworms, plant bugs, leafhoppers, and adelgids. Will control other immature forms if spray covers the insect

### 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.

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

| Crop                       | Insect Control Aid                  | Application Rate<br>455 Oil 98 Gallons<br>per 100 Gallons of<br>Dilute Spray | Time of Application<br>(Stage of Development) |
|----------------------------|-------------------------------------|--|---|
| ALMONDS                    | Aphid Eggs, Scales                  | 1  | Summer  |
|                            | Spider Mites                        | 1-1.5  | Dormant                                       |
| APPLES                     | Apple Red Bug<br>European Fruit     | 2  | Dormant                                       |
|                            | Lecanium Scale                      | 2  | Dormant                                       |
|                            | Fruit Tree Leaf Roller              | 3  | Dormant                                       |
|                            | European Red Mite                   | 2  | Green Tip to Delayed Dormant<br>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.<br>water                                       | Dormant/Delayed Dormant                       |
| GRAPES                     | Mealybugs                           | 1 gal./Ac  | Dormant                                       |
| OLIVES                     | Scales                              | 1.5 gal./100 gal. water  | Prebloom or Postbloom to<br>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 &<br>PRUNES          | European Red Mite                   | 2  | Dormant to Delayed Dormant<br>1/2" Green      |
|                            | European Fruit<br>Lecanium Scale    | 2  | Dormant to Delayed Dormant<br>1/2" Green      |
| NECTARINES                 | San Jose Scale                      | 2  | Dormant                                       |
| CHERRIES<br>(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<br>Root Worms | 2  | Early Spring                                  |
| SUGAR BEETS                | Mites, Leafminers                   | 2 gal./Ac  | As Needed                                     |

| Crop                | Insect Control Aid                      | Application Rate<br>455 Oil 98 Gallons<br>per 100 Gallons of<br>Dilute Spray | Time of Application<br>(Stage of Development) |
|---------------------|---|--|---|
| AZALEA              | Azalea Bark Scale,<br>European Red Mite | 2  | Dormant to Bud Break                          |
| FLOWERING<br>CRAB   | Azalea Bark Scale,<br>European Red Mite | 2  | Dormant to Bud Break                          |
| FLOWERING<br>CHERRY | Azalea Bark Scale,<br>European Red Mite | 2  | Dormant to Bud Break                          |
| DOGWOOD             | Dogwood Scale, San<br>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<br>Gals/100 Gal | Concentrate*<br>Gal/Acre |
|--------|--|------------------------|--------------------------|
| CITRUS | Citrus Rust Mite<br>Scale Insects<br>Greasy Spot Disease | 1                      | 10                       |
|        | Spider Mites<br>Whitefly<br>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.