

OCT 04 1996

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

Subject: Revised Labeling--Restricted Entry Interval  
435 Oil 98  
EPA Registration Number 19713-393  
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."

2 7 8

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**

**435 OIL 98**

**A Superior Horticultural Spray Oil  
For Insect and Mite Pest Management**

**ACTIVE INGREDIENT:**

Refined Petroleum Distillates\*.....98.0 wt%

**INERT INGREDIENTS**

Emulsifier.....2.0 wt%

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

\*Unsulfonated Residue of Petroleum Distillate.....92.0% min.

\*50% Distillation Point of Petroleum Distillate.....435.0° F

\*Flash Point.....345.0° F

Weight per Gallon.....7.2 lbs.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or poison control center. Do not induce vomiting because of possible aspiration hazard. Get medical attention.

**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.: 19713-393

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.

19713-393

**Precautionary Statements**  
**Hazards to Humans and Domestic Animals**

**CAUTION:** Avoid contact with eyes, skin and clothing. Harmful if swallowed. Avoid breathing of spray mists or vapors. Avoid contamination of food or food stuffs.

**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 equipment washwaters. Apply this product only as specified on this label.

**MIXING DIRECTIONS**

Add sufficient water to the mixing tank to allow proper agitation. Maintain agitation until solution is used. If other pesticides are to be added, do so after the water and oil have been thoroughly mixed.

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|----------------------------------|---|
| <b>Dilute Applications:</b>      | Apply specified rate of Drexel 435 OIL 98 in 100 gallons to 800 gallons water/acre. |
| <b>Concentrate Applications:</b> | Apply specified rate of Drexel 435 OIL 98 in 50 to 150 gallons of water/acre.       |
| <b>Aerial Applications:</b>      | Apply the specified rate of Drexel 435 OIL 98 in 10 to 20 gallons of water/acre.    |

**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 chlorpyrifus 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.

\*NOTE: Methidathion and parathion are "Restricted Use Pesticides".

**CONTROLS**

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

**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 you 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 the personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard. Do not enter or allow workers 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

**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. Do not apply during periods of drought or when plants exhibit moisture stress. Do not use in combination with or immediately before or after spraying with fungicides such as captan, folpet, dyrene, karathane, morestan or any other product containing sulfur. Do not use with carbaryl on deciduous fruit trees or with dimethoate.

**TANK MIXES**

It is important for users to read and follow all directions and restrictions on the labels of the prepared tank mix products.

**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.

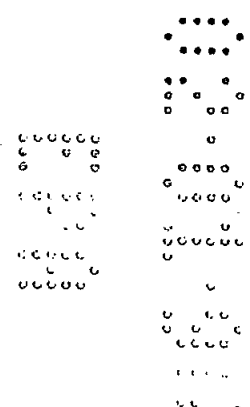
**CITRUS**

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

**TIMING THE TREATMENT**

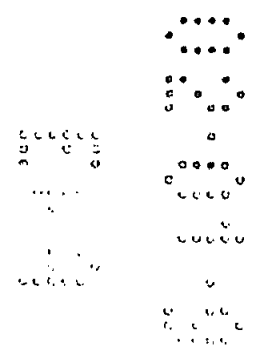
You must determine the precise timing to fit local growth and climate conditions.

CROP	INSECT CONTROL	435 OIL 98 APPLICATION RATE GALLONS PER 100 GALLONS OF DILUTE SPRAY	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
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
SWEET CORN	Ear Worm	2	Summer
FIELD CORN	Fall Army Worm	2	Spring-Early
	Corn Root Worm	2	Spring-Early
SUGARBEETS	Mites	2 gal/Acre	As Needed
	Leaf Miners	2 gal/Acre	As Needed



CROP	PEST	DILUTE GALS/100 GALS.	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.



**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 the directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.