

19713-394

4/11/2001

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**ACCEPTED**

APR 11 2001

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-394

# 435 Oil 98.8

## A Superior Horticultural Spray Oil

For Insect and Mite pest management.

**ACTIVE INGREDIENT:**

Refined Petroleum distillate\* ..... 98.8%

**OTHER INGREDIENT:**

Emulsifier ..... 1.2%

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

\*Unulfonated residue of Petroleum distillate is 92.0% minimum.  
50% Distillation point of Petroleum distillate is 435.0°F.  
Weight per gallon is 7.2 pounds.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See **FIRST AID** Below

**RECIRCULATE CONTENTS BEFORE USE**

EPA Reg. No. 19713-394

EPA Est. No. 19713-GA-1 Net Contents: \_\_\_\_\_

FIRST AID
<p><b>IF SWALLOWED:</b></p> <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<p><b>IF ON SKIN:</b></p> <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>IF IN EYES:</b></p> <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p><b>IF INHALED:</b></p> <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</p>

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Avoid contact with eyes, skin and clothing. Harmful if swallowed. Avoid breathing of spray mist or vapor. Avoid contamination of foodstuffs.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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 and 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.

**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 (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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 (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 4 hours.

PPE required for early entry to treated areas that is permitted under the WPS 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 and shoes plus socks.

**GENERAL INFORMATION**

**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, dyrene, folpet, 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 reduce dosage for dormant application on Sugar maple and Redbud.



Manufactured By:  
**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972

**CITRUS**

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

**TIMING OF THE TREATMENT**

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

**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.

**Dilute Applications:** Apply specified rate of this product in 100 to 800 gallons of water per acre.

**Concentrate Applications:** Apply specified rate of this product in 50 to 150 gallons of water.

**Aerial Applications:** Apply the specified rate of this product in 10 to 20 gallons of water.

**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, Corn (Field and Sweet), Pears, Plums, Prunes and Peaches.
5. May be used in a tank mix with methidathion\* on Apples, Citrus (Grape fruit, Lemons, Oranges), Ornamentals (including Shade trees and Shrubs), Peaches, Pears, Pecans, Plums and Prunes.
6. May be used as a spreader or carrier for certain synthetic, organic insecticides applied for pest control in/on habitable buildings.

Controls a wide range of Mite and Insect pests in the egg stage such as: Adelgids, Aphids, Armored scales, Cankerworms, Eriophyid mites, Leafhoppers, Leafrollers, Mealy bugs, Plant bugs, Psyllids, Soft scales, Spider mites, Webworms and Whiteflies.

Crop	Pests	Dilute	Concentrate*
		Gals. per 100 Gals.	Gals. per Acre
Citrus	Citrus rust mites, Scale insects, Greasy spot disease	1½	15
	Spider mites, Whiteflies, Loosens Sooty molds	¾	7½

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

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage and disposal. Open dumping is prohibited.

**PESTICIDE 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.

**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 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 the Manufacturer 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 the Seller and is accepted as such by the Buyer.

Crop	Pests	Application Rate in Gals. (Per 100 Gals. of Dilute Spray)	Time of Application (Stage of Development)
Apples	Apple red bugs	2	Dormant
	European fruit lecanium scales	2	Dormant
	Fruit tree leafrollers	3	Dormant
	European red spider mites	2	Green Tip to Delayed Dormant ½" Green
	San Jose scales	2	Delayed Dormant ½" Green
	Scurfy scales	3	Delayed Dormant ½" Green
Corn (Field and Sweet)	Earworms	2	Summer
	Fall armyworms	2	Spring-Early
	Corn rootworms	2	Spring-Early
Pears	Fruit tree leafrollers	3	Dormant
	Pearleaf blister mites	3	Dormant
	Pear psylla	2	Late Dormant
Pecans	Obscure scales	3	Dormant
Peaches	Cottony peach scales	3	Dormant
Sugar beets	Mites	2 gals. per Acre	As Needed
	Leafminers	2 gals. per Acre	As Needed

\*Note: Methidathion and Parathion are "RESTRICTED USE PESTICIDES".