

19713-393

08-27-2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

19713-393

AUG 27 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:

435 OIL 98

Name and Address of Registrant (include ZIP Code):

Drexel Chemical Company
 P.O. Box 13327
 Memphis, TN 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.

Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable with the following comments:

- **Please see page 2 for label comments.**

You must submit one (1) copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first, must bear the new revised label. A stamped copy of the label is enclosed for your records. Should you have any questions, please contact Julie Chao at 703-308-8735 or chao.julie@epa.gov.

Signature of Approving Official:

Meredith F. Laws, Chief
 Insecticide-Rodenticide Branch
 Registration Division (7505P)

Date:

AUG 27 2009

Label Comments

1. On page 1, the following additional text must be added to the footnote below the ingredient statement, per the product chemistry review and acute toxicity reviews: "Contains petroleum distillates."

2. On page 1, based on toxicity ranking per the acute toxicity review, the First Aid statements must be placed on the label in the following order:

"IF ON SKIN OR CLOTHING:...
IF SWALLOWED:...
IF IN EYES:...
IF INHALED:..."

3. On page 1, per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

"CAUTION
Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."

4. On page 1, per the acute toxicity review, the appropriate chemical-resistant materials for the handler PPE for this product are made of barrier laminate or viton (category G). The handler PPE must be revised.

5. On page 2, "Swath Adjustment," "Wind Speed" and "Droplet Size" text as specified on Page 58 of the RED must be added to the spray drift section under the heading "For Products Applied as an Aerial Spray."

6. On page 3, in the warranty statement change "recommendations" to "directions."

Confidential Statement of Formulation

7. Please note that, per the product chemistry review, the basic formulation dated 9/4/08 is acceptable. All previously dated CSFs are superseded.

ACCEPTED
With COMMENTS
In EPA Letter Dated:

8-27-2009

Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:

19713-393

Drexel

435 Oil 98

A Superior Horticultural Spray Oil For Insect and Mite Pest Management

ACTIVE INGREDIENT:

Mineral Oil*	98.0%
OTHER INGREDIENTS:	2.0%
TOTAL:	100.0%
* Unsulfonated Residue of Petroleum Distillate	92% Min.
* 50% Distillation Point of Petroleum Distillate	435°F
* Flash Point	345°F
Weight per Gallon	7.2 lbs.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See **FIRST AID** Below
SHAKE WELL BEFORE USING

EPA Reg. No. 19713-393

EPA Est. No. 19713-GA-001

Net Content: _____

FIRST AID

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Do not give any liquid to the person.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Note to Physician: Petroleum distillate may pose an aspiration pneumonia hazard.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing spray mists or vapors.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material such as barrier laminate, nitrile rubber, neoprene rubber or viton. If you want more options, follow the instructions for Category E on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators, flaggers, and other handlers must wear: Long-sleeved shirt and long pants, chemical-resistant gloves and shoes plus socks.

See engineering controls for additional requirements.
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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, 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 (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 made of any waterproof material, and 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 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.

Manufactured By:

Drexel Chemical Company

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

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TANK MIXES

Read and follow all directions and restrictions on the labels of the prepared tank mix products. Follow the most restrictive ones.

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.

USE INFORMATION

- For use as a carrier for *Bacillus thuringiensis* when applied through a mist blower or cold fog machine.
- May be used with ethion and parathion to obtain two modes of insecticidal action.
Note: Parathion is a Restricted Use Pesticide.
- May be used with permethrin on Cotton only.
- May be used in a tank mix with chlorpyrifos on Apples, Pears, Plums, Prunes, Peaches, Sweet corn and Field corn.
- 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). Note: Methidathion is a Restricted Use Pesticide.
- May be used as a spreader or carrier for certain synthetic organic insecticides applied for pest control in/on habitable buildings.

SPECTRUM OF CONTROL

This product can control a wide range of mites and insect pests in the egg stage such as: Spider and Eriophyid mites, Armored and Soft scales, Mealybugs, Psyllids, Whiteflies, Aphids, Leafrollers, Webworms, Cankerworms, Plant bugs, Leafhoppers, and Adelgids. Will control other immature forms if spray covers the insect.

ORNAMENTAL PLANTS

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

TIMING THE TREATMENT

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

METHODS OF APPLICATION

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 per acre.

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

SPRAYDRIFT MANAGEMENT

For Products Applied as a Spray:

A variety of factors, including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

WIND SPEED: Do not apply at wind speeds greater than 15 mph at the application site.

DROPLET SIZE: Apply as a medium or coarser spray (ASAE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

For Products Applied as a Spray through Ground Equipment:

RELEASE HEIGHT: Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

WIND SPEED: Do not apply at wind speeds greater than 15 mph at the application site.

DROPLET SIZE: Apply as a medium or coarser spray (ASAE standard 572), and the minimum volume mean diameter (VMD) for spinning atomizer nozzles.

For Products Applied as a Spray through Airblast Equipment:

For airblast applications, turn off outward pointing nozzles at row ends and when spraying outer row. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

TEMPERATURE INVERSIONS: If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

For Products Applied as an Aerial Spray:

RELEASE HEIGHT: For aerial applications of agricultural products, do not release spray at a height greater than 10 feet above the ground, top of crops, or above the orchard canopy.

BOOMLENGTH: The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Crop	Pest	Rate of This Product	Time of Application (Stage of Development)
Almonds, Apricots, Apples, Cherries, Nectarines, Peaches, Pears, Plums, Prunes	Aphids (such as Black, Cherry, Black or Green Peach, Rosy apple, Plum), Mites (such as Blister, Brown Almond, European red, McDaniel, Pacific, Peach silver, Rust, Strawberry, Two-spotted), Scale insects (such as Black, Brown Apricot, Frosted, Italian pear, Lecanium, Oleander, Olive/Parlatoria, San Jose, Soft brown), Whiteflies	5 to 8 gals./acre	Dormant; Delayed dormant; Summer Note: DO NOT apply to Plums or Prunes between bud break and fruit set stages. Occasional foliar injury on Peaches and Nectarines may occur from combination of this product with organophosphate insecticides such as guthion or parathion.
	Mites (suppression)	1.5 to 4 gals./acre	Summer Note: Repeat as pest appears. Occasional foliar injury on Peaches and Nectarines may occur from combination of this product with organophosphate insecticides such as guthion or parathion.
	For Ovicidal Control: Aphids (such as Black, Cherry, Black or Green Peach, Rosy apple, Plum), Mites (such as Blister, Brown Almond, European red, McDaniel, Pacific, Peach silver, Rust, Strawberry, Two-spotted), Whiteflies	5 to 8 gals./acre	Dormant; Delayed dormant Note: DO NOT apply to Plums or Prunes between bud break and fruit set stages. Apples
	Apple red bug	2 gals./100 gals. of water	Dormant
Corn (Sweet)	Fruit tree leaf roller	3 gals./100 gals. of water	Dormant
	Scurfy scale	3 gals./100 gals. of water	Delayed dormant (one-half inch green)
	Ear worm	2 gals./100 gals. of water	Summer
Corn (Field)	Corn root worm; Fall army worm	2 gals./100 gals. of water	Early spring
Pears	Fruit tree roller	3 gals./100 gals. of water	Dormant
	Pear psylla, Whiteflies	5 to 8 gals./acre	Dormant; Delayed dormant; Summer
	Pacific Northwest Only: Pear psylla, Whiteflies	4 gals. + 8 to 12 lbs. of Sulfur/acre	Delayed dormant
Peaches		5 to 8 gals. + 8 to 20 lbs. of Sulfur/acre	Dormant
	Cottony Peach scale	5 gals./100 gals. of water	Dormant
Pecans	Obscure scale	3 gals./100 gals. of water	Dormant
Sugarbeets	Leafminers, Mites	2 gals./acre	As needed

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