713-393

03/04/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

5863221 332/1300

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Ms. Luz G. Chan Registration Manager Drexel Chemical Company P.O. Box 13327 Memphis, TN 38113-0327

MAR 4 2010

Subject: DREXEL 435 OIL 98 EPA Reg. No. 19713-393 Notification Application Dated November 18, 2009

Dear Ms. Chan:

The Agency has received your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4, dated November 18, 2009, for the product Drexel 435 Oil 98, EPA Reg. No. 19713-393. The Registration Division (RD) has reviewed this request and finds that the actions requested fall within the scope of PR Notices 2007-4 and 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

The new "STORAGE AND DISPOSAL" text needs editorial changes. In the first two paragraphs under "CONTAINER DISPOSAL:", change "Nonrefillable Container" to "Nonrefillable Containers".

The label submitted on November 18, 2009, also reportedly incorporates changes prescribed by the Agency's product reregistration acceptance letter of August 27, 2009. Although the highlighted changes appear to be appropriate, you still must submit a clean copy of the final printed label -- without highlighting -- for our files.

If you have any questions, please call me directly at 703-305-6406.

Sincerely,

William W. Jacobs Insecticide-Rodenticide Branch Registration Division (7505P) Office of Pesticide Programs

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November 18, 2009

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U.S. Environmental Protection Agency Rm S-4900, One Potomac Yard 2777 S Crystal Drive Arlington, VA 22202

Re: Submission of Revised Label per EPA Stamped Accepted Label dated August 27, 2009 and PR Notice 2007-4 DREXEL 435 OIL 98 (EPA Reg. No. 19713-393)

Herewith:

- 1. Completed EPA Form 8570-1
- 2. One (1) copy of the label (393SP-0809*) with the following revisions per EPA Stamped Accepted label dated 8/27/2009 (copy is enclosed for your reference):
 - i) "Contains petroleum distillate" was added below the ingredient statements.
 - ii) The order of the route of exposures in the First Aid box was revised.
 - iii) The statements under the Hazard to Humans and Domestic Animals were revised.
 - iv) The PPE was revised as well as the Category.
 - v) The Spray Drift language for products applied as an aerial spray was added.
 - vi) The Warrant statement was updated.

Also, the following revisions were made:

- i) "Shake Well Before Using" was deleted as it is not necessary. This product is a true solution.
- ii) The container disposal statements were revised.

I highlighted the changes for easy reference.

3. Certification statements

If you have questions/clarification regarding this submission, I can be reached at (901) 774-4370 or e-mail Lchan@drexchem.com.

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Thank you.

Respectfully yours, FOR DREXEL CHEMICAL COMPANY Grafe. Chan Luz G Chan **Registration Manager**

1700 Channel Avenue • Post Office Box 13327 • Memphis, Tennessee 38113-0327 00000 Phone: (901) 774-4370 · Fax: (901) 774-4666 · E-Mail: info@drexchem.com · www.DrexChem.com $\mathcal{F}_{\mathcal{F}}^{n}$ SINCE1972



Drexel Chemical Company

November 18, 2009

Submission of Revised Label by Notification DREXEL 435 OIL 98 (EPA Reg. No. 19713-393)

This notification is consistent with the Provisions of PR Notice 98-10 and EPA Regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

FOR DREXEL CHEMICAL COMPANY

LUZ G CHAN Registration Manager

1700 Channel Avenue • Post Office Box 13327 • Memphis, Tennessee 38113-0327 Phone: (901) 774-4370 • Fax: (901) 774-4666 • E-Mail: info@drexchem.com • www.DrexChem.com



NOTIFICATION

MAR 0 4 2010

4350198 A Superior Horticultural Spray Oil For Insect and Mite Pest Management

ACTIVE INGREDIENT: Mineral Oil*
OTHER INGREDIENTS:
 TOTAL:
KEEP OUT OF REACH OF CHILDREN
CAUTION
See FIRST AID Below
EPA Reg. No.19713-393 EPA Est. No.19713-XX-XXX Net Content:
FIRST AID
FIRST AID
IF ON SKIN OR CLOTHING:
IF ON SKIN OR CLOTHING: • Take off contaminated clothing.
IF ON SKIN OR CLOTHING: • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes.
IF ON SKIN OR CLOTHING: • Take off contaminated clothing.
 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 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 SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the 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 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
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- · 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 absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material such as barrier laminate or viton. If you want more options, follow the instructions for Category G 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 I UIREMENTS

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, chemicalresistant 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.

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

- 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.
- Note: Parathion is a Restricted Use Pesticide.
- 3. May be used with permethrin on Cotton only.
- 4. 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 glaucus (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 province.

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.

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

SWATH ADJUSTMENT: When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.

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 spin-

ning atomizer nozzles.			Time of Application	
Сгор	Pest	Rate of This Product	(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.	
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Crop	Pest	Rate s . Product	Time of Application (Stage of Development)
Almonds, Apricots, Apples, Cherries, Nectarines, Peaches, Pears, Plums, Prunes	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
	For Ovicidal	5 to 8 gals./acre	guthion or parathion. Dormant; Delayed
	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		dormant Note: DO NOT apply to Plums or Prunes between bud break and fruit set stages.
	Apple red bug	2 gals./100 gals. of water	Dormant
	Fruit tree leafroller	3 gals./100 gals. of water	Dormant
	Scurfy scale	3 gals./100 gals. of water	Delayed dormant (one-half inch green)
Corn (Sweet)	Earworm	2 gals./100 gals. of water	Summer
Corn (Field)	Corn rootworm, Fall armyworm	2 gals./100 gals. of water	Early spring
Pears	Fruit tree roller	3 gals./100 gals. of water	Dormant
	Pear psylla, Whiteflies Pacific Northwest: Pear psylla, Whiteflies	5 to 8 gals./acre 4 gals. + 8 to 12 lbs. of Sulfur/acre	Dormant; Delayed dormant; Summer Delayed dormant
		5 to 8 gals. + 8 to 20 lbs. of Sulfur/acre	Dormant
Peaches	Cottony peach scale	3 gals./100 gals. of water	Dormant
Pecans	Obscure scale	3 gals./100 gals. of water	Dormant
Sugarbeets Walnuts	Leafminers, Mites Scale insects (such as Black, Brown Apricot, Calico, Frosted, Italian pear, Lecanium, Oleander, Olive/Parlatoria, Oyster shell, San Jose, Soft brown)	2 gals./acre 5 to 7 gals./acre	As needed Dormant; Delayed dormant Note: DO NOT apply between bud break and nut set stages.
	For Ovicidal Control: Aphids (Walnut), Mites (such as Blister, Brown Almond, European red, McDaniel, Pacific, Peach silver, Rust, Strawberry, Two- spotted), Whiteflies	5 to 7 gals./acre	Dormant; Delayed dormant Note: DO NOT apply between bud break and nut set stages. (Continued

Crop	Pèsi	Rate of This Product	Time of Application (Stage of Development)	
Walnuts	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 7 gals./acre	Summer Note: Apply as pest appears through walnut husk split. DO NOT apply after husk splits.	
	Mites (suppression)	1.5 to 4 gals./acre	Summer Note: Repeat as pest appears.	
Crop	Pest	Dilute Application This Product (Gallons) Per 100 Gallons of Water	Concentrate Application* This Product (Gallons)	
Citrus	Citrus rust mite, Scale insects, Greasy spot disease	1	10	
	Spider mites, Whitefly, Sooty mold (to loosen)	0.5	5	

7/8

*Apply in sufficient water and manner to assure thorough distribution. USE RESTRICTIONS AND PRECAUTIONS: Oil applied after October may in-

USE RESTRICTIONS AND PRECAUTIONS: Oil applied after October may increase cold damage to Citrus trees; applied in August and September may affect the solid content and retard color.

Do not apply more than 22.1 gallons of this product per acre (maximum 1,500 gallons of spray mis per acre in Texas and Florida, and 29.4 gallons of this product per acre (maximum 2,000 gallons of spray mix per acre) in California (based on thorough coverage spray, with 1.5 gallons of this product mixed in 100 gallons of water.

STORAGE AND SPOSAL

Do not contaminate water, food, or feed by storage and disposal. **PESTICIDE 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.

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:

Nonrefillable Container (rigid material; less than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid material; 5 gallons or greater): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Containers:

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

WARRANTY - 0 DITIONS OF SALE

OUR DIRECTIONS book 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. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall 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 the directions given herewith. The foregoing is a condition of sale by Manufacturer and is accepted as such by the Buyer.