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19713-489

1-30-98

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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:
19713-489

Date of Issuance:
1/30/98

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Drexel 8020 I

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

R. Franklin Handy
Drexel Chemical Company
1700 Channel Avenue, PO 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.

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

1. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 19713-489".
 - b. To further clarify and prevent any possible confusion regarding rates, in the Application Rates table add the phrase "/acre" in the column heading for the third column so that the heading reads:

Rate of Drexel 8020 I
(gallons/acre)

2. Submit three copies of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Date:

JAN 30 1998

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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 copy of the label stamped "accepted with comments" is enclosed for your records.

Thomas C. Harris
Biologist
Insecticide-Rodenticide Branch
Registration Division (7505C)

) Enclosure

3018

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 30 1998

DREXEL 8020 I

Spray Oil Emulsion Insecticide

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

19713-489

ACTIVE INGREDIENT:

Petroleum oil:.....80.0%

INERT INGREDIENTS:.....20.0%

TOTAL:.....100.0%

Unulfonated residue of petroleum oil.....92.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

IF SWALLOWED: Do not induce vomiting. Call a doctor or poison control center. Do not give anything by mouth to an unconscious person.
IF ON SKIN: Wash with soap and water. Get medical attention if irritation persists.
IF IN EYES: Flush with plenty of running water. If irritation persists, see a physician.
IF INHALED: Remove from exposure. Use artificial respiration if not breathing.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Avoid breathing of spray mists or vapors. Avoid contamination of feed or foodstuffs.

PERSONAL PROTECTIVE EQUIPMENT: Handlers who may be exposed to the dilute through application or other tasks must wear shoes plus socks, and chemical resistant gloves (such as barrier laminate, nitrile rubber, neoprene rubber, or viton. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergents 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

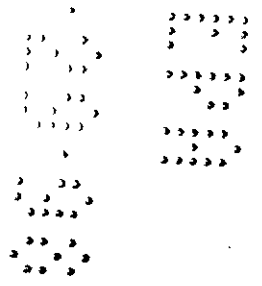
This product is toxic to fish. For terrestrial use only. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label. Do not apply when weather conditions favor drift from areas treated.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, or store near heat or open flame.

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EPA Est. No.



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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 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 intervals. The requirements in this box 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 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, chemical resistant gloves (such as barrier laminate, nitrile rubber, neoprene rubber, or viton), shoes plus socks.

GENERAL INFORMATION

This insecticide's mode of action is through suffocation of eggs, larvae and nymphs of insects and adults of soft bodied insects. This mode of action necessitates total spray coverage. Use enough spray solution to completely cover both top and bottom of all of the leaves and completely penetrate the leaf canopy. This product 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, Leaf tiers, Webworms, Cankerworms, Plant bugs, Leafhoppers, and Adelgids*. This product will kill other immature forms if spray covers the insect. For use in the greenhouse, shade house, industrial plantings, residential plantings, and field plantings.

USE PRECAUTIONS

Keep container tightly closed in storage. All horticultural oils interfere with or slow plant transpiration and respiration during periods of evaporation. Do not apply during periods of drought or when plants exhibit moisture stress. Do not use when temperatures are above 90°F. When temperatures drop below 32°F (usually nighttime lows), do not spray tree and vine crops until daytime temperatures have warmed to a point above 32°F and are free from moisture due to melting frost or heavy dews. Do not store dilute spray. Mix new batch for each use.

COMPATIBILITY

Drexel 8020 I is compatible with most commonly used insecticides and fungicides. Read and follow all precautions and limitations on labeling of all products used in tank mixtures. Do not use in combination with or immediately before or after spraying with fungicides such as captan, folpet, oxythioquinox (Morestan®) or any other product

containing sulfur. Also, do not use with carbaryl (Sevin®) or dimethoate (Cygon®). Do not use with any product whose label recommends the use of no oils. Do not use in combination with NPK foliar fertilizer applications.

CHEMIGATION

Do not apply this product through any type of irrigation system.

TIMING THE TREATMENT

You must determine the precise timing to fit local growth and climatic conditions. This product can be applied up to day of harvest.

MIXING DIRECTIONS

Add sufficient water to the mixing tank to allow proper agitation. Add the correct amount of Drexel 8020 I to the tank. Maintain agitation until solution is used. If other pesticides are to be added, do so after Drexel 8020 I has been thoroughly mixed.

APPLICATION DIRECTIONS

Apply specified rate of Drexel 8020 I in 100 to 800 gallons of water per acre by ground application and in 10 to 20 gallons of water per acre by aerial spraying.

APPLICATION RATES

TREE CROPS

Crop	Pest	Rate of Drexel 8020 I (gallons)	Time of Application (Stage of Development)
Almond, Apricot, Cherry, Plum, Prune	Aphids, Fruit tree leaf roller, Mites, Scales, Whiteflies	1 to 2	Dormant
Apple (all varieties)	Aphids, Bugs (including Apple red bug), Fruit tree leaf roller, Mites (including European red mite), Scales (hard, soft, scurfy), Whiteflies and other similar insects	1 to 2	Dormant
Avocado, Banana, Macadamia	Bugs, Leafhoppers, Scale, Sigatoka, Leafroller, Thrips and other similar insects	1 to 2	Dormant
Citrus	Blackfly, Greasy spot, Mites, Scales (Glover, Chaff, Purple, Yellow, Red, Snow, Brown, Soft, and California red), Sooty Mold, Whiteflies and other similar insects	1 to 2	Applications after October may increase cold damage to trees while those applications made in August and September may affect solids content, retard color.
Fig	Aphids, Mites, Scales and other similar insects	1 to 2	Dormant / Delayed Dormant
Nectarine, Peach, Pecan	Aphids, Fruit tree leaf roller, Mites, Scales, Whiteflies	1 to 2	Dormant
Olive	Scale (Black, Oleander, Parlatoria), Spider Mites	1 to 2	Pre-bloom or post-bloom to Buckshot

Pear	Aphids, Fruit tree leaf roller, Mites (including Pear leaf blister mite), Scales, Whiteflies	1 to 2	Dormant
	Pear Psyllia	1 to 2	Late Dormant
Walnut	Aphids, Mites, Scales and other similar insects	1 to 2	Late spring to mid-summer Do not apply after husk splits.

VEGETABLE AND FIELD CROPS

Crop	Pest	Rate of Drexel 8020 I (gallons)	Time of Application
Asparagus, Bean, Cucumber, Eggplant, Melon, Peanut, Pepper, Pumpkin, Radish, Squash, Tomato	Aphids, Beetle larvae, Leafhoppers, Leaf miners, Mites, Thrips, Whiteflies and other similar insects	1 to 2	As needed
Cabbage, Cauliflower, Celery, Cole Crops, Lettuce, Onion	Aphids, Leafhoppers, Leaf miners, Loopers, Mites, Plant bugs, Thrips, Whiteflies and other similar insects	1 to 2	As needed
Corn (Sweet)	Aphids, Leaf miners, Mites, Whiteflies, and other similar insects	1 to 2	Summer
Corn (Field)	Aphids, Leaf miners, Mites, Whiteflies, and other similar insects	1 to 2	Spring to Early
Corn (Seed), Popcorn	Aphids, Leaf miners, Mites, Whiteflies, and other similar insects	1 to 2	As needed
Cotton	Aphids, Bollworm eggs and larvae, Leafhoppers, Loopers, Mites, Thrips, Whiteflies and other similar insects	1 to 2	As needed
Potato, Sweet Potato	Aphids, Leaf miners, Mites, Whiteflies	1 to 2	As needed
Sugar Beet	Aphids, Leaf miners, Mites, Whiteflies, and other similar insects	1 to 2	As needed
Tobacco	Leaf miners, Mites, Whiteflies	1 to 2	As needed

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SMALL FRUITS

Crop	Pest	Rate of Drexel 8020 I (gallons)	Time of Application
Blueberry	Aphids, Mites, Sawfly, Scales, Whiteflies and other similar insects	1 to 2	Dormant/Summer
Caneberries	Aphids, Mites, Sawfly, Scales, Whiteflies and other similar insects	1 to 2	As needed
Grape	Leafhoppers, Leaf miners, Mealybugs, Mites, Scales, Whiteflies	1 to 2	Dormant
Strawberry	Aphids, Mites, Sawfly, Scales, Whiteflies and other similar insects	1 to 2	Dormant

SHADE TREES, SHRUBS, ORNAMENTALS, FLOWER AND FOLIAGE PLANTS

Crop	Pest	Rate of Drexel 8020 I (gallons)	Time of Application
Conifers	Aphids, Leaf miners, Mites, Plant bugs, Psyllids, Sawfly, Scales, Whiteflies and other similar insects	1 to 2	Do not use on conifers that are not tolerant to oil sprays.
Foliage and Bedding plants, Shade trees, Shrubs	Aphids, Leaf miners, Mites, Plant bugs, Psyllids, Sawfly, Scales, Whiteflies and other similar insects	1 to 2	Dormant
Ornamentals	Aphids, Leaf miners, Mites, Plant bugs, Psyllids, Sawfly, Scales, Whiteflies and other similar insects	1 to 2	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.

GREENHOUSE/ORNAMENTALS

Crop	Pest	Rate of Drexel 8020 I (gallons)	Time of Application
Azalea, Camellia, Carnation, Fuschia, Gladiola, Hibiscus, Iris, Lily, Mums, Poinsettia, Rhododendron, Rose and other similar ornamental plants	Aphids, Fungus gnat, Leaf miners, Mealy bugs, Mites, Scales, Thrips, Whiteflies and other similar insects	1 to 2	Dormant
Orchids	Aphids, Fungus gnat, Leaf miners, Mealy bugs, Mites, Scales, Thrips, Whiteflies and other similar insects	1 to 2	As needed

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry, locked area out of reach of children. Protect from excessive heat. Keep container tightly closed in storage to prevent entry to 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 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 and 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 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.

Draft Date: 01/28/97