

19713-263

4-22-2003

1/9

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 19713-263	2. EPA Product Manager George T LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) DREXEL DIAZINON 5G	PM# 13/Insecticide Branch	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company, P.O. Box 13327 MEMPHIS, TN 38113-0327 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u>2/27/2003</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

APR 22 2003

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Three (3) copies of the final printed label (263SP-0403++) are submitted for your record and file. The label changes are detailed out in the cover letter accompanying this submission. The required certification statement per PR Notice 98-10 is also submitted. Thank you.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name LUZ G PIWONKA	Title REGISTRATION MANAGER	Telephone No. (Include Area Code) (901) 774-4370
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Luiz G. Piwonka</i>	3. Title REGISTRATION MANAGER	
4. Typed Name LUZ G PIWONKA	5. Date April 10, 2003	

2/7

NOTIFICATION

APR 22 2003



Drexel

DIAZINON 5G

LAWN AND GARDEN INSECT CONTROL.

This product must not be used on golf courses and sod farms. For outdoor use on the home lawn and home garden only. Ready-To-Use Granules. Treats up to 5,000 square feet.

DIAZINON KILLS:

Ants, Armyworms, Bermudagrass Mites, Billbugs, Brown Dog Ticks, Chiggers, Chinch Bugs, Crickets, Cutworms, Earwigs, Fire Ants*, Fleas, Onion Maggots, Root Maggots, Sod Webworms, White Grubs of Japanese Beetles, European Chafer, and Southern Chafer, Wireworms and others.

*Aids in control. See Directions for Use.

ACTIVE INGREDIENT:

Diazinon 5.0%

OTHER INGREDIENTS: 95.0%

TOTAL: 100.0%

Contains 5% Diazinon Insecticide.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See FIRST AID Below

EPA Reg. No. 19713-263

Net Weight:

EPA Est. No. 19713-GA-1

10 Pounds

FIRST AID ORGANOPHOSPHATE

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- 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 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.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

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 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: This product contains diazinon, an organophosphate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered only in conjunction with atropine.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds. Avoid overlapping granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

For lawns, follow all watering instructions in the Directions for Use, however, stop watering before puddling occurs. For lawns, do not apply this product to sites occupied by waterfowl, or within 75 ft. of any body of water which may attract waterfowl, such as ponds or lakes.

Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas.

Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash water.

IN LAWNS DIAZINON 5G KILLS:		IN GARDENS DIAZINON 5G KILLS:
Ants	Fleas	Cutworms
Armyworms	Fire Ants*	Mole Crickets
Bermudagrass Mites	Lawn Moths	Onion Maggots
Billbugs	Leafhoppers	Root Maggots
Brown Dog Ticks	Millipedes	Wireworms
Chiggers	Sod Webworms	
Chinch Bugs	Sowbugs	
Clover Mites	Springtails	
Crickets	White Grubs of	
Cutworms	European Chafer	
Digger Wasps	Japanese Beetle	
Earwigs	Southern Chafer	

*Aids in control.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Repackaging and reformulation of this product is prohibited.



Manufactured By:
Drexel Chemical Company

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

SINCE 1972

OVERALL LAWN APPLICATION:

Special Precautions To Reduce Risk To Birds	
Birds, especially waterfowl (ducks or geese), feeding and drinking on treated areas may be killed. To reduce risks to birds:	
1.	Do not treat areas larger than 15,000 sq. ft.
2.	Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
3.	Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
4.	Avoid overlapping treated areas.
5.	Follow all watering instructions in the direction for use, however, stop watering before puddling occurs.
6.	Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds.
7.	If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

Drexel Diazinon 5G controls the following lawn insects on both grass and dichondra lawns. Apply this product with fertilizer spreader. Refer to the tables that follow for use rates and spreader settings.

Note: Sweep any granules on walkways, driveways, or patios into the surrounding lawn area.

Pest	Rate*	Timing/Special Directions
Ants, Armyworms, Bermudagrass mites, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (sod webworms), Leafhoppers, Millipedes, Sawbugs (Pillbugs), Springtails (<i>Collembola</i>)	2 lbs./1,000 sq. ft.	Apply when grass is dry. Water lawn lightly after application. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year.
Billbugs, White grubs of Japanese beetle, European chafer, Southern chafer, <i>Ataenius spretulus</i> (dung beetle)	2 lbs./1,000 sq. ft.	Water grass with at least one-fourth inch of water after application, however, stop watering before puddling occurs. For billbug control, apply when activity is first observed or when chewed grass indicates damage. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year. For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in Spring or Summer when damage is first noticed. Water grass with at least one-fourth inch of water after application, however, stop watering before puddling occurs. Treat again in late Summer or early Fall if a second generation occurs.
Hyperodes weevils	2 lbs./1,000 sq. ft.	Water grass with at least one-fourth inch of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.
*1,000 sq. ft. = an area 20 ft. x 50 ft. 100 sq. ft. = an area 10 ft. x 10 ft. 2 lbs./1,000 sq. ft. = 3.2 oz./100 sq. ft.		

Note: The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct rate of application.

Lawn Spreader Setting No. (To deliver 2 lbs./1,000 sq. ft.)	
Spreader Make and Model	Setting
Craftsman Broadcast	3.25
Craftsman Drop Spreader 1976	6
Cyclone Rotary	4.5
Greenview Drop II	5.5
Greenview Jet Spread II	4
JC Penney Model 6005	7.25
JC Penney Rotary	5
Republic EZ Broadcast 540 & 550	2
Republic EZ Drop 530	6.5
Scott Easy Green	26
Scott Precision Drop	4.75
Scott Precision Flow Spreader Model PF4	4
Scott Speedy Green Medallion	3.5
Servistar Broadcast	4
Servistar Drop	6
True Temper Broadcast	4
True Temper Drop	6
**For application with other types of equipment, apply at the rate of 2 lbs./1,000 sq. ft.	

LAWN SPOT TREATMENT

Ants: Apply 1.5 teaspoons of Drexel Diazinon 5G over and around each ant hill.

Fire Ants: To aid in control of fire ants in home lawns and other outdoor home recreation areas, apply one-half cup over, and two feet around, each fire ant mound. Immediately after application, water-in thoroughly. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness. A minimum of 1 gallon of water should be applied to each mound area. Reapply as necessary.

NOTE: For best results, apply in cool weather, 65-80°F., or in early morning or late evening hours. Works within 24 hours. No waiting for days or weeks. Treat new mounds as they appear.

Digger Wasps: Apply 1.5 teaspoons of this product in and around each nest opening. Apply at dusk when wasps are not active.

BAND TREATMENT AROUND HOUSE FOUNDATION

The following pests are commonly found around or near foundations, and may enter the house:

- | | |
|-----------------|-----------------------|
| Ants | Fleas |
| Brown Dog Ticks | Millipedes |
| Clover Mites | Sowbugs (Pillbugs) |
| Crickets | Springtails |
| Earwigs | (<i>Collembola</i>) |

Apply a 2 foot band of this product next to the house foundation. Distribute granules uniformly, using a rate of 3.2 ozs. for each 100 sq. ft. of area (2 ft. by 50 ft.) treated. If necessary, repeat application at 3-week intervals.

VEGETABLES - INSECT CONTROL

Special Precautions To Reduce Risk To Birds
Birds feeding on treated areas may be killed. To reduce risk to birds:
1. Thoroughly mix this product into the soil during or immediately after application. Refer to the Soil Incorporation table that follows.
2. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

Drexel Diazinon 5G controls certain garden insects on crops listed in the following tables. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations.

Do not use this product in greenhouses.

4/7

Unless directions under Timing/Special Directions state otherwise, applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

Soil Incorporation	
Insect	Depth of Mixing or Incorporation into Soil
Mole crickets	1-2 inches
Onion maggots	3-4 inches
Root maggots	3-4 inches
Seed corn maggots	2 inches
Surface cutworms*	2-3 inches
Subterranean cutworms*	3-6 inches
Wireworms	4-8 inches
*If type of cutworm cannot be identified, mix into soil 4-6 inches deep.	

Crop	Pest	Rates / 500 sq. ft.	Timing/ Special Directions
Beans (Lima, Pole, and Snap) (succulent only)	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
Note: Do not use on dried bean varieties, such as pintos, dried limas, or navy beans.			
Beets, Red (Table)	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Mole crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Broccoli	Root maggots	7-10.5 ozs.	Broadcast and mix into soil just before planting.
	Cutworms	7-14 ozs.	
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Brussels sprouts	Root maggots	7-10.5 ozs.	Broadcast and mix into soil just before planting.
	Cutworms	7-14 ozs.	
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Cabbage	Root maggots	7-10.5 ozs.	Broadcast and mix into soil just before planting.
	Cutworms	7-14 ozs.	
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Carrots	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Cauliflower	Root maggots	7-10.5 ozs.	Broadcast and mix into soil just before planting.
	Cutworms	7-14 ozs.	
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.

Crop	Pest	Rates / 500 sq. ft.	Timing/ Special Directions
Collards	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Mole crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Cucumbers	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
Endive (Escarole)	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Kale	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Lettuce	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians, and Hybrids of these), and Watermelons	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
Mustards	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Onions (Bulb and Green)	Onion maggots	7-14 ozs.	Broadcast and mix into soil just before planting. Note: Resistant onion maggots will not be controlled by diazinon or similar type insecticides.
	Wireworms	10.5-14 ozs.	
Parsley	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
Peas (succulent only)	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
Note: Do not use on dried pea varieties, such as dried black-eyed peas.			
Peppers	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Potatoes	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	

5/7

Crop	Pest	Rates / 500 sq. ft.	Timing/ Special Directions
Radishes	Mole crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Rutabagas	Wireworms	10.5-14 ozs.	Broadcast and mix into soil just before planting.
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Spinach	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
Squash (Summer and Winter)	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
Sweet corn	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Seed corn maggots	7-14 ozs.	
Sweet potatoes	Wireworms	10.5-14 ozs.	Broadcast and mix into soil just before planting.
Swiss Chard	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
Tomatoes	Cutworms	7-14 ozs.	Broadcast and mix into soil just before planting.
	Wireworms	10.5-14 ozs.	
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.
Turnips	Wireworms	10.5-14 ozs.	Broadcast and mix into soil just before planting.
	Mole Crickets	3.5 ozs.	Broadcast and immediately mix into the soil 1-2 days before planting.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in original container in a cool, dry well-ventilated area. Store product in an area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds, food or feed.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL:

If Empty: Do not use this container. Place in trash or offer for recycling if available.

If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY—CONDITIONS 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 of 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.



7/7

Drexel Chemical Company

April 10, 2003

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Rm 266A, Crystal Mall 2
1921 Jefferson Davis Hwy.
Arlington, VA 22202

ATTN: Dr. Dana Pilitt, Insecticide Branch

**Re: Submission of Final Printed Label per EPA's Letter Dated February 27, 2003
DREXEL DIAZINON 5G (EPA Reg. No. 19713-263)**

Dear Dr. Pilitt,

Reference is made to the above. Herewith, please find:

1. Completed EPA Form 8570-1.
2. Three (3) copies of the final printed label (263SP-0403++) with the following changes incorporated into the label:
 - i) The statement was revised to read "For outdoor use on the home lawn and home garden only."
 - ii) On page 2, for Billbugs, the statement was corrected to read "Water grass.....before puddling occurs."

Under the heading Lawn Spot Treatment, the statement for Fire Ants was revised to read "To aid in control.....in home lawns....."
 - iii) On page 4, under sweet potatoes, Flea beetles was deleted.
 - iv) In the Storage and Disposal box, the container disposal statements were revised according to PR Notice 2001-6,

I highlighted the above for easy reference.

3. Certification Statement per PR Notice 98-10

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

Thank you.

Respectfully,
DREXEL CHEMICAL COMPANY


Luz Piwonka
Registration Manager

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