

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	☐ Registration	OPP Identifier Number 186292
		☒ Amendment ☒ Other	

Section I

1. Company/Product Number 239-2479	2. EPA Product Manager George LaRocca	3. Proposed Classification ☒ None ☐ Restricted
4. Company/Product (Name) ORTHO Diazinon Soil & Turf Insect Control	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) SOLARIS Group of Monsanto Company P. O. Box 5006, San Ramon, CA 94583-0906 ☐ 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

☐ Amendment - Explain below	☐ Final printed labels in response to Agency letter dated _____
☐ Resubmission in response to Agency letter dated _____	☐ "Me Too" Application.
☒ Notification - Explain below.	☐ Other - explain below.

NOTIFICATION

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

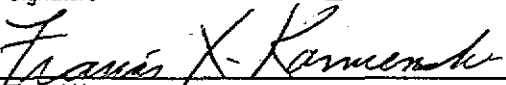
Submit finished labeling (Form 8-729-02) to reflect Notifications of March 29, 1995 and July 17, 1996.

JAN 23 1997

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging ☐ Yes* ☐ No	Unit Packaging ☐ Yes ☐ No	Water Soluble Packaging ☐ Yes ☐ No		☐ Metal ☐ Plastic ☐ Glass ☐ Paper ☐ Other (Specify) _____	
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information ☐ Label ☐ Container		4. Size(s) of Retail Container		5. Location of Label Directions ☐ On Label ☐ On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product ☐ Lithograph ☐ Paper glued ☐ Stenciled		☐ Other (_____)			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name P. X. Kamienski		Title Registration Specialist		Telephone No. (Include Area Code) (510) 355-3335	
Certification 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 		3. Title Registration Specialist			
4. Typed Name Francis X. Kamienski		5. Date December 30, 1996			

2 7 3

ORTHO®

COVERS UP TO
5,000 Sq Ft



OUTDOOR
USE ONLY

Diazinon

Soil & Turf Insect Control

This Product must not be used on Golf Courses and Sod Farms

LESS DUST!
DENSER GRANULES
STAY IN PLACE FOR UNIFORM COVERAGE
NOTIFICATION

JAN 23 1997

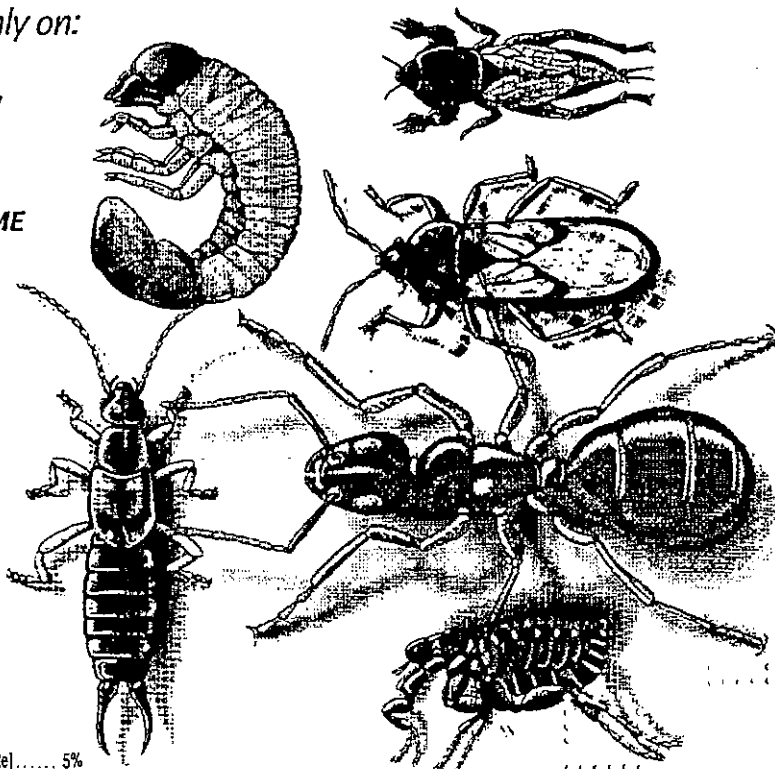
Faster Acting, Contains Micro-Cel® E PowerFlo™ Granules

Ready-to-use granules for use only on:

HOME LAWNS to kill White Grubs,
Mole Crickets, Chinch Bugs
and Sod Webworms

NUISANCE PESTS OUTSIDE THE HOME
to kill Ants, Fleas, Brown Dog
Ticks, and other listed pests

HOME VEGETABLE GARDENS
to kill Cutworms, Wireworms,
Root Maggots before planting



Active Ingredient
Diazinon [0,0-diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate] 5%
Inert Ingredients 95%

KEEP OUT OF REACH OF CHILDREN

CAUTION See additional precautionary
statements on back of bag.

NET WT 10 LBS/4.53 kg

SATISFACTION GUARANTEED OR YOUR MONEY BACK

ORTHO®

Diazinon Soil & Turf Insect Control

HOME LAWNS: to kill Billbugs, Chinch Bugs, Sod Webworms and White Grubs, as listed.

NUISANCE PESTS OUTSIDE THE HOME: to kill Ants, Fleas, Brown Dog Ticks, Crickets and other listed pests.

HOME VEGETABLE GARDENS: to kill Cutworms, Wireworms, Root Maggots before planting.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

tsp = teaspoon / Tbs = Tablespoon

LAWN APPLICATION

Controls insects listed below in grass and dichondra lawns. The lawn should be dry and mowed before application.

PEST	AMOUNT TO USE (See Spreader Setting Chart)	TIMING	SPECIAL DIRECTIONS
Ants, Armyworms, Bermudagrass Mites, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Lawn Moths (Sod Webworms), Leahoppers, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola)	Apply 2 lb per 1,000 sq ft (an area 20' by 50')	Apply when insects are present. Repeat Application in 3 weeks if necessary. May be applied up to 4 times per year.	Apply when grass is dry. Water lawn lightly after treatment to wash granules off foliage.
White Grubs (Japanese Beetle, European & Southern Chaffer)	Apply 2 lb per 1,000 sq ft (an area 20' by 50')	Treat anytime between late July and early October. Treat again in late Summer or early Fall if needed. Consult the State Agricul- tural Extension Service for timing in your area.	Water grass thoroughly with at least 1/4 inch of water after application; however, stop watering before puddling occurs.
May Beetle Grubs (except California)	Apply 2 lb per 1,000 sq ft (an area 20' by 50')	Apply between mid-April and early May or in August.	Water grass thoroughly with at least 1/4 inch of water after application; however, stop watering before puddling occurs.
Mole Crickets	Apply 2 lb per 1,000 sq ft (an area 20' by 50')	Apply in May or June when pests are small.	Water grass thoroughly with at least 1/4 inch of water after application; however, stop watering before puddling occurs.
European Crane Fly (Larvae) (except California)	Apply 2 lb per 1,000 sq ft (an area 20' by 50')	Consult the State Agricultural Extension Service for timing in your area.	Water grass thoroughly with at least 1/4 inch of water after application; however, stop watering before puddling occurs.
Hyperodes Weevil	Apply 2 lb per 1,000 sq ft (an area 20' by 50')	Treat problem areas in mid-April and again in mid-May.	Water grass thoroughly with at least 1/4 inch of water after application; however, stop watering before puddling occurs.
Billbugs	Apply 2 lb per 1,000 sq ft (an area 20' by 50')	Apply when chewed or brown grass indicates damage. If necessary, repeat application in 3 weeks. May be applied up to 4 times per year.	Water grass thoroughly with at least 1/4 inch of water after application; however, stop watering before puddling occurs.

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

SPREADER SETTING CHART

MAKE & MODEL OF SPREADER	APPLICATION RATE 2 lb per 1000 sq ft SPREADER SETTING NUMBER	HANDHELD SPREADER	NO. HOPPERS TO DELIVER 2 lb per 1000 sq ft
ORTHO Broadcast Spreader (Models 4000, 5000)	5 1/2	ORTHO WHIRLYBIRD® Handy Spreader (Pennington)	1
ORTHO Drop Spreader (Models 3000, 5000)	8	Handy Green (Scotts)	3/4
Sears Drop Spreader (Model 1965)	8	Red Devil	3/4
Sears Rotary Spreader (Model 1960)	5 1/2		
Scotts Drop-Type Spreaders	4 3/4		
Scotts EasyGreen® II Rotary	26		
Scotts SpeedyGreen® Rotary	4		
Republic EZ Drop (Model 530)	8		
Republic EZ Broadcast (Model 540)	5 1/2		
Republic EZ Grow (Model 545)	6 1/2		

SPOT TREATMENT

ANTS: Apply 1 tsp over and around each ant hill.

FIRE ANTS: Home Lawns: To aid in the control of Imported Fire Ants apply 1/3 cup over, and 2 ft around, each fire ant mound. For best results apply when temperatures are between 65 and 80°F. To avoid disturbing ants, gently water granules in immediately after application. Use 1 gallon of water per mound. High pressure watering may disturb the ants and cause them to move and form new mounds. Treat new mounds as they appear.

DIGGER WASPS: Apply 1 tsp in and around each nest opening. Apply at dusk when wasps are not active.

AROUND HOUSE FOUNDATION

Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs (Pillbugs), Springtails (Collembola). Evenly apply a 2-foot band of granules next to the house foundation. Use 1 lb for each 500 sq ft of area (2 ft by 250 ft). If necessary, repeat application at 3-week intervals.

VEGETABLE GARDEN INSECT CONTROL

Apply test prior to planting and mix thoroughly into soil. Do not use on existing vegetable gardens. Use Bug-Gel® Plus Snail, Slug & Insect Killer or another product labeled for use on vegetables after planting.

NOTE: One level measuring cup (8 fl oz) holds 5 oz of granules.

INSECT	AMOUNT TO USE	PLANTS
Cutworms	10 oz per 500 sq ft Mix into soil 4 to 6 inches	Beans* (fresh only), Beets (Red Table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collards, Cucumbers, Endive (Escarole), Kale, Lettuce, Melons, Parsley, Peas* (fresh only), Peppers, Potatoes, Spinach, Squash, Sweet Corn, Swiss Chard, Tomatoes.
Mole Crickets	3 1/2 oz per 500 sq ft Mix into soil 1 to 2 inches	Beets (Red Table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Collards, Endive (Escarole), Kale, Lettuce, Mustard, Peppers, Radishes, Tomatoes, Turnips.
Onion Maggots	7 oz per 500 sq ft Mix into soil 3 to 4 inches	Onions (Bulb and Green). Note: Resistant onion maggots will not be controlled by diazinon or similar type insecticides.
Root Maggots	10 oz per 500 sq ft Mix into soil 3 to 4 inches	Broccoli, Brussels Sprouts, Cabbage, Cauliflower.
Wireworms	10 1/2 oz per 500 sq ft Mix into soil 4 to 8 inches	Beans* (fresh only), Beets (Red Table), Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collards, Cucumbers, Endive (Escarole), Kale, Lettuce, Melons, Onions, Parsley, Peas* (fresh only), Peppers, Potatoes, Spinach, Squash, Sweet Corn, Sweet Potatoes, Swiss Chard, Tomatoes, Turnips.

*NOTE: This product is not registered for use on dried bean or pea varieties such as pinto, dried lima, navy beans, or dried black-eyed peas. Do not use on dried bean or pea varieties.

STORAGE AND DISPOSAL

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.

DISPOSAL: PRODUCT: Partially filled bag may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

DISPOSAL: CONTAINER: Do not reuse empty bag. Discard bag in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye injury. 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.

FIRST AID: If swallowed, call a physician immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

If inhaled, remove victim to fresh air and apply artificial respiration, if indicated. If on skin, wash promptly with plenty of soap and water. Rinse thoroughly. Get medical attention. If in eyes, rinse eyes with plenty of water and call a physician immediately. Note to Physicians: Emergency information call 1-800-454-2333. This is an organophosphorus insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate 6 mg injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

ENVIRONMENTAL HAZARDS: This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese) feeding or drinking in 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 that 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 washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Medical Information call 1-800-454-2333
Product Information call 1-800-225-2883

SOLARIS®

ORTHO®, Bug-Gel®, WHIRLYBIRD®, SOLARIS® Trademarks of Monsanto Company
MNCRO-CEL® Trademark of Celco Holdings Corp.
Scotts®, EasyGreen®, SpeedyGreen® Registered Trademarks of The Scotts Company
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Manufactured for:
The SOLARIS Group of Monsanto Company
P.O. Box 5008 San Ramon CA 94583-0808
Form 8-729-02 / Product 5403
EPA Reg. No. 239-2479
EPA Est. 58996-MO-14, 34704-NB-17, 763-CA-15
Superscript is first letter of lot number
Made in USA

