



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
239-2671

Date of Issuance:
JUL 31 1998

NOTICE OF PESTICIDE:
 X Registration
_____ Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:
ORTHO Diazinon Dust

Name and Address of Registrant (include ZIP Code):

The SOLARIS Group of Monsanto
P.O. Box 5006
San Ramon, CA 94583-0906

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. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Reg. No. 239-2671".
 - b. Relocate the front panel limitation "FOR OUTDOOR USE ON THE HOME GARDEN ONLY" to appear under the OUTDOOR USE ONLY icon. Revise the front panel site heading IN YOUR/THE GARDEN to ON YOUR/THE HOME GARDEN. Add "listed on this label" after "other garden pests/insects/bugs".

Signature of Approving Official:

Date:
JUL 31 1998

- c. Delete the front panel heading IN YOUR YARD. "Yard" is usually interpreted to include the lawn and there are no lawn use directions on your label. The claim "Kills Garden and/& Outdoor Nuisance Pests" may remain, and the claim "Also/Plus kill ticks which/that transmit Lyme disease" can also remain provided it is revised to read "Also/Plus kills ticks which/that may transmit Lyme disease".
- d. In the Product Facts table, revise "other garden & nuisance pests/insects/bugs" to "other garden & nuisance pests/insects /bugs as listed in directions". Also, delete "In Your Yard" since "yard" usually includes the lawn areas and this product does not include directions for use on lawns.
- e. In the PLANTS/VEGETABLES & MELONS table, revise the last heading to read "DAYS TO WAIT BETWEEN LAST APPLICATION & HARVEST".
- f. In the PLANTS/VEGETABLES & MELONS table, for Onions revise the APPLICATIONS PER SEASON (maximum) entry to read 3 rather than 5.
- g. In the alternative PLANTS/VEGETABLES & MELONS table, revise the last heading to read "DAYS TO WAIT BETWEEN LAST APPLICATION & HARVEST".
- h. In the alternative PLANTS/VEGETABLES & MELONS table, Onions will have to be separated out and have its own entry or it may be combined with Radishes, the only other crop with a 7 day retreatment interval, a 3 application maximum, and a 14 day PHI.
- i. In the PLANTS/BERRIES & GRAPES table, revise the last heading to read "DAYS TO WAIT BETWEEN LAST APPLICATION & HARVEST".
- j. In the WHEN TO APPLY/AMOUNT TO USE entry for Cutworms, Wireworms, and Root Maggots, the label for cannot call for use of more product than is contained in a full container (in this case, the 1 pound container). Based on the rate presented in the proposed directions, it appears 1 lb. would cover 217 sq. ft. (which could be rounded up to 220 sq. ft). The label for the 4 pound container could retain the 2.3 pound per 500 sq. ft. recommendation.
- k. Revise the heading ADDITIONAL TIPS to TICK CONTROL. Under that heading, revise "For/To Kill Ticks Which/That Transmit Lyme Disease" to "For/To Kill Ticks Which/That May Transmit Lyme

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Disease". In the specific directions delete "wooded areas". Also delete "/buildings", since outdoor use around buildings other than the home would necessitate Restricted Use Classification.

1. Revise the DISPOSAL text to read as follows:

DISPOSAL: To avoid harming aquatic organisms in rivers and other surface waters, do not pour this product or rinse water into sanitary drains (for example, toilets, floor drains, and sinks) or into storm water sewers (for example, street drains). Do not reuse empty container. Securely wrap partially filled or empty container in newspaper and put in trash.

m. In the Hazards to Humans & Domestic Animals, replace "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals." with "May cause contact sensitization following repeated contact with skin in susceptible individuals. If sensitization reactions result, consult a physician."

n. Be sure to meet type size requirements for elements of the label with minimum type size requirements.

3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

4/11

Ortho® Diazinon Dust, EPA Reg. No. 239-NEW

ACCEPTED
with COMMENTS
in EPA Letter Dated

[icon] OUTDOOR USE ONLY

JUL 31 1998

New

Multi-Purpose Insect Killer

IN YOUR/THE GARDEN

On/Protects: Roses, Flowers, Shrubs, Vegetables &/and Small Fruits
From/Kills

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

239-2671

Aphids, Armyworms, Colorado Potato Beetles, Cucumber Beetles, Cutworms, Flea
Beetles, Mites &/and other garden pests/insects/bugs

[Garden] Pests/Insects/Bugs

Beetles, Leafhoppers and/& Caterpillars

FOR OUTDOOR USE ON THE HOME GARDEN ONLY
AROUND [YOUR] HOUSE FOUNDATION(S)

Kills Outdoor Nuisance Pests/Insects/Bugs

IN YOUR YARD

Kills Garden and/& Outdoor Nuisance Pests/Insects/Bugs

Also/Plus kills ticks which/that transmit Lyme disease

This product must not be used on golf courses and sod farms [upper 1/3 of the front
panel]

[bag]

[dotted line] TO OPEN – CUT HERE

TO CLOSE-FOLD TOP OF BAG. SECURE WITH A CLIP

Active Ingredient

Diazinon2.0%

Other Ingredients 98.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

[bag] See additional precautionary statements on back of bag.

[canister] See back panel for additional precautionary statements.

NET WT 1 LB / 453g

4 LB / 1.81 kg

Now diazinon, which provides control of "hard to kill" insects/pests/bugs, is available in a dust!

[Product name] quickly kills pests/insects/bugs that damage roses, flowers, shrubs vegetables and small fruits.

[Product name] quickly kills pests/insects/bugs that damage garden plants as well as pests/insects/bugs that cause a nuisance.

Product Facts	
KILLS	Ants, Aphids, Cabbageworms, Cucumber Beetles, Leafhoppers,
PESTS/INSECTS/BUGS	Mites, Tent Caterpillars, Whiteflies, & other garden & nuisance pests/insects/bugs
WHERE TO USE	
<ul style="list-style-type: none"> • [In the/Your Garden] On Roses, Flowers, Shrubs, Vegetables & Small Fruits • Around [Your] House Foundation(s) • In Your Yard 	
<p>[phone icon] Questions, Comments or Medical Information call 1-800-225-2883 www.ortho.com</p>	

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

NOTE: DO NOT USE INSIDE THE HOME OR IN A GREENHOUSE. DO NOT USE ON HUMANS OR ANIMALS.

IN THE GARDEN (To Kill Foliage Pests/Insects/Bugs)

HOW TO APPLY

[For product packaged in a canister (shaker can) omit the text in brackets below.]

- Apply when air is calm to avoid drift and contact with eyes and skin.
- [Use a dust applicator such as a shaker can, bulbous duster or rotary duster.] Dust lightly to cover upper and lower leaf surfaces with a thin, even film of dust.
- For plants with dense foliage or plants above chest height, consider using Ortho : [name of liquid spray].

ON ROSES, FLOWERS & SHRUBS
PESTS/INSECTS/BUGS

Aphids, Apple & Thorn Skeletonizers, Bagworms, European Pine Sawfly, European Pine Shoot Moths, Flea Beetles, Holly Bud Moths, Hemlock Chermes, Leafrollers (Obliquebanded), Leafhoppers, Dipterous Leafminers (Arborvitae, Azalea, Boxwood, Holly), Mealybugs, Mites (Carnation Bud, Carnation Shoot, Clover, Cyclamen, European Red, Privet, Two-Spotted Spider Mites), Oak Loopers, Obscure Root Weevils, Omnivorous Leaf tiers, Pear Slugs, Scale Crawlers (Cottonycushion, Euonymus, Lecanium, Pine Needle, Pit, San Jose, Soft), Tent Caterpillars, Thrips, Webworms (Cotoneaster, Fall, Juniper, Mimosa) & Whiteflies.

PLANTS

Including Arborvitae, Azaleas, Boxwood, Camellias, Carnations, Chrysanthemums, Euonymus, Gladioli, Hawthorn, Holly, Honeysuckle, Juniper, Lilac, Lilies, Marigolds, Pansies, Petunias, Rhododendron, Roses, Spirea, Wax Plant (Hoya), Yellowwood & Yew.

(DO NOT use on Ferns, Poinsettia, Hibiscus, Pilea, Gardenia or Orchids since plant injury may occur.)

ON VEGETABLES & MELONS
PESTS/INSECTS/BUGS

Aphids, Colorado Potato Beetles, Cucumber Beetles, Diamond-Back Moths, Fall Armyworms, Flea Beetles, Grasshoppers, Imported Cabbageworms, Leafhoppers, Leafminers (Dipterous*), Mexican Bean Beetles, Onion Thrips, Southern Armyworms, Vinegar Flies (Drosophila spp.), Spider Mites & Thrips

**Note: diazinon and similar type insecticides will not control resistant leafminers.*

PLANTS/ VEGETABLES & MELONS	DAYS TO WAIT BETWEEN APPLICATIONS	APPLICATIONS PER SEASON (maximum)	DAYS BETWEEN LAST APPLICATION & HARVEST
Beans* (Lima, Pole & Snap)	5	3	7
Broccoli	7	5	7
Cabbage	7	5	21
Carrots	7	5	14
Cauliflower	7	5	7
Chinese Broccoli	7	5	10
Chinese Cabbage (Bok Choy & Napa)	7	5	10
Collards	7	5	10
Corn (Sweet)	7	5	7
Cucumbers	7	5	7
Endive (Escarole)	7	5	14
Kale	7	5	10
Lettuce	7	5	14
Onions	7	5 3	14
Parsnips	7	5	14
Peas*	5	3	7
Peppers	7	5	5
Potatoes	7	5	35
Radishes	7	3	14
Rutabagas	7	5	14
Spinach	7	5	14
Squash (Summer & Winter)	7	5	14
Tomatoes	7	5	1
Turnips	7	5	14
Melons : Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians & Hybrids of these, & Watermelons	7	5	3

*Note: This product is registered only for use on fresh beans and peas. Do not use if you plan to grow beans and peas to eat when dried (such as dried limas, split peas or dried black-eyed peas).

Alternative table if there is a space constraint.

PLANTS/ VEGETABLES & MELONS	DAYS TO WAIT BETWEEN APPLICATIONS	APPLICATIONS PER SEASON (maximum)	DAYS BETWEEN LAST APPLICATION & HARVEST
Beans* (Lima, Pole & Snap) & Peas*	5	3	7
Broccoli, Cauliflower, Corn (Sweet) & Cucumbers	7	5	7
Cabbage	7	5	21
Carrots, Endive (Escarole) Lettuce, Onions, Parsnips Rutabagas, Spinach, Squash (Summer & Winter) & Turnips	7	5	14
Chinese Broccoli, Chinese Cabbage (Bok Choy & Napa) Collards & Kale	7	5	10
Peppers	7	5	5
Potatoes	7	5	35
Radishes	7	3	14
Tomatoes	7	5	1
Melons : Cantaloupes, Casabas, Crenshaws, Honeydews, Muskmelons, Persians & Hybrids of these, & Watermelons	7	5	3

**ON BERRIES & GRAPES
PESTS/INSECTS/BUGS**

Aphids, Blueberry Maggots, Fruitworms (Cherry, Cranberry & Raspberry Fruitworms), Grape Berry Moths, Grape Leafrollers, Leafhoppers, Strawberry Leafrollers, Thrips & Two-Spotted Spider Mites

PLANTS/BERRIES & GRAPES	DAYS TO WAIT BETWEEN APPLICATIONS	APPLICATIONS PER SEASON (maximum)	DAYS BETWEEN LAST APPLICATION & HARVEST
Blueberry	14	2	7
(CA, OR, WA only): Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries	14	5	7
Grapes	7	5	28
Strawberries	7	3	5

IN THE GARDEN (To Kill Soil Pests/Insects/Bugs Before Planting Vegetables)

PESTS/INSECTS/BUGS

Cutworms, Mole Crickets, Root Maggots & Wireworms
(When treating for wireworms on beans, use only on snap beans.)

PLANTS/VEGETABLES

Beans* (Lima, Pole & Snap), Beets (Red), Cabbage, Carrots, Corn (Sweet), Lettuce, Peas*, Radishes, Rutabagas, Tomatoes & Turnips

*Note: This product is registered only for use on fresh beans and peas. Do not use if you plan to grow beans and peas to eat when dried (such as dried limas, split peas or dried black-eyed peas).

[For product packaged in a canister (shaker can) omit the text in brackets below.]

HOW TO APPLY

[Use a dust applicator such as a shaker can, bulbous duster or rotary duster.] Dust lightly to cover soil surface with a thin, even film of dust. Immediately mix dust into soil to a depth of:

- 1 to 2 inches for Mole Crickets
- 4 to 8 inches for Cutworms, Wireworms & Root Maggots

WHEN TO APPLY / AMOUNT TO USE

Apply when air is calm to avoid drift and contact with eyes and skin.

- For Cutworms, Wireworms & Root Maggots: Just before planting apply 2.3 lb (36.8 oz) / 500 sq. ft.
- For Mole Crickets: 1 to 2 Days before planting, apply 12.5 oz (0.78 lb) / 500 sq. ft.

AROUND HOUSE FOUNDATION (To Kill Outdoor Nuisance Pests)

PESTS/INSECTS/BUGS

Ants, Boxelder Bugs, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Millipedes, Scorpions, Sowbugs (Pillbugs), Spiders (including Black Widow Spiders), Springtails (Collembola) & Ticks.

HOW & WHEN TO APPLY

[For product packaged in a canister (shaker can) omit the text in brackets below.]

- Apply when air is calm to avoid drift and contact with eyes and skin.
- [Use a dust applicator such as a shaker can, bulbous duster or rotary duster.] Dust lightly to cover soil surface with a thin, even film of dust.
- To keep pests/insects/bugs from entering the house, treat a 2-ft band of soil around the house next to the foundation. Use 8 oz (½ lb) / 100 sq ft (2 ft X 50 ft).
- If necessary, apply every 3 weeks.

ADDITIONAL TIPS

For/To Kill Ticks Which/That Transmit Lyme Disease

Start applying in late spring or early summer (May/June). Treat shrub-beds, ornamentals, wooded areas and around outside perimeters of homes/buildings where exposure to ticks may occur. Apply every 3 to 4 weeks until late fall since ticks may be reintroduced from surrounding areas by animals.

STORAGE AND DISPOSAL

STORAGE: Store in original container in a safe place.

DISPOSAL: Do not reuse container. Securely wrap partially filled or empty container in newspaper and put in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

[Re-entry icon] People and pets may enter treated area after dust has settled.

(1/1)

FIRST AID: IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. **Note to Physician:** This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Emergency information call 1-800-225-2883.

ENVIRONMENTAL HAZARDS: This product is highly toxic to birds, fish and other wildlife. Do not apply directly to any body of water. Do not put product or rinse water down any drain. This product is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming plants if bees are visiting the treatment area.

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

[phone icon] **Questions, Comments or Medical Information**
call 1-800-225-2883 www.ortho.com

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Manufactured for
The SOLARIS Group of
Monsanto Company
P.O. Box 5008 San Ramon CA 94583-0808
Form
EPA Reg. No. 239-~~NEW~~ **EATR**
EPA Est.
Superscript is first letter of lot number
Made in USA