



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

239-2630

Date of Issuance:

JAN 31 1995

Term of Issuance:

Conditional

Name of Pesticide Product:

ORTHO Diazinon Insect
Spray Ready-To-Use

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The SOLARIS Group of
Monsanto Company
P.O. Box 50006
San Ramon, CA 94583

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 Registration No. 239-2630".
 - b. Delete "Fruit Trees" from the front panel claims.
 - c. Since the product is not labeled for use on lawns, revise the front panel use limitation to read "For outdoor use on the home garden only" and revise the second page use limitation to read: "FOR OUTDOOR USE ON HOME YARDS AND GARDENS ONLY".
 - d. In the first two paragraphs of the general information on page 2, delete "fruit trees", since those sites do not appear on the label.

Signature of Approving Official

Date

- e. Under the heading **ROSES, FLOWERS, & SHRUBS**, the pest two-spotted spider mites should appear only once - either as "Two-spotted Spider" in the Mites listing, or "Spider Mites (Two-spotted)" or "Two-spotted Spider Mites", in the appropriate alphabetical sequence. In this same section, "Lacebugs" is out of alphabetical order and "Cottonycushion" is misspelled.
 - f. Under the heading **VEGETABLES AND MELONS**, add a "+" (or dagger sign) as appears for the crop Peas to refer down to the footnote on succulent varieties limitation and bee precautions.
 - g. Revise the footnote at the end of the **Vegetables and Melons** to read: **NOTE** - Do not apply this product to dried bean or pea varieties such as pinto beans, dried limas, split peas, or dried black-eyed peas. To protect bees, do not apply to bean or pea foliage if the crop or weeds in the treatment area are in bloom.
 - h. Under the heading **HOME VINEYARD OR BERRY PATCH**, there appears to be a number of pests listed which carry over from your label for ORTHO Diazinon Insect Spray's combined listing for fruit trees (not on this label), nut trees (not on this label), home vineyard, and berry patch which are actually fruit or nut tree pests rather than those expected on grapes, strawberries, and caneberries. Expected pests among those listed include Aphids (type unspecified), Grape Berry Moths, Grape Leafrollers, Leafhoppers, Two-spotted Spider Mites, Strawberry Leafrollers, and Thrips. Please adjust the pest listing to reflect the remaining use sites on this label. Also, note that this revision may effect the front panel claim for the number of insects/pests killed/controlled.
 - i. The label presents the same information in both paragraph and boxed text formats. All the above revisions should be made to both formats. The Agency understands that finished labels will incorporate one or the other format, but not both.
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.
 4. Within eighteen months, submit the results of a one-year storage stability study for this product in the container

BEST AVAILABLE COPY

page 3

EPA Reg. No. 239-2630

to be marketed under normal storage conditions. Storage stability studies for diazinon products are still required because of the regulatory history for this active ingredient.

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.

Enclosures

ORTHO DIAZINON INSECT KILLER
READY-TO-USE

[Graphic Icon]
OUTDOOR USE ONLY

For Use On Flowers, Ornamentals, and Home Gardens
Kills Aphids, Beetles, Leafhoppers, Caterpillars, Whiteflies, and Other Listed Insects
For Use On Berries, Flowers, Fruit Trees, Ornamentals, Roses, Shrubs, and Vegetables
Controls Nuisance Pests
Contains Diazinon
Ready-To-Use /RTU Insecticide
Multi-Purpose Ready-To-Use/RTU Formula
Ready To Use/RTU Formula
No Mixing
No Measuring
Just Aim And Spray
Quick & Easy To Apply
Easy To Use
Water Base Product
Water Base Formulation
New[For use only for 6 months following product introduction]

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Low Odor

Fast & Effective
Fast Acting
Effective - Fast Acting
Kills Bugs Fast
Kills Over 75 Insects/Pests
Controls Over 75 Insects/Pests
One step bug control

Fast and easy one step bug killer
Bug control in 1 easy step

Kills on contact
For outdoor use on the home lawn and in the home garden only[MANDATORY FRONT
PANEL COPY]

RECEIVED
EPA REGISTERED
JAN 31 1995
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the product
registered under EPA Reg. No.
239-2630

Active Ingredient

Diazinon.....	0.075%
Inert Ingredients.....	99.925%

Keep out of reach of children

CAUTION

See back panel/booklet for additional precautionary statements and use directions

Net 24 fl oz / 709 mL

Net 64 fl oz / 1.89L

Net 1 gal (3.78L)

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Diazinon Insect Killer is a fast and easy one-step bug killer to control a wide range of common garden pests including aphids, beetles, caterpillars, mealybugs, mites, scale crawlers, and whiteflies on berries, flowers, fruit trees, roses, shrubs, and vegetables. It also can be used to control exposed nuisance pests, including ants, cockroaches, earwigs, fleas, and spiders found outdoors around the home.
For the complete listing of all pests and plants, please read the entire label.

) Diazinon Insect Killer provides an easy to use, effective, one-step method to control a wide range of common garden pests including aphids, beetles, caterpillars, mealybugs, mites, scale crawlers, and whiteflies on berries, flowers, fruit trees, roses, shrubs, and vegetables. It also can be used to control exposed nuisance pests, including ants, cockroaches, earwigs, fleas, and spiders found outdoors around the home.
For the complete listing of all pests and plants, please read the entire label.

) Diazinon Insect Killer is a highly effective, fast-acting, multi-purpose Ready-To-Use product controlling a wide range of common garden pests including aphids, beetles, caterpillars, mealybugs, mites, scale crawlers, and whiteflies on berries, flowers, fruit trees, roses, shrubs, and vegetables. It also can be used to control exposed nuisance pests, including ants, cockroaches, earwigs, fleas, and spiders found outdoors around the home.
For the complete listing of all pests and plants, please read the entire label.

FOR OUTDOOR USE IN HOME YARDS AND GARDENS ONLY

For control of pests indoors, try Ortho Home Pest Insect Control.

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

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO THE FOLLOWING DIRECTIONS AND OBSERVE ALL PRECAUTIONS.

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WHEN TO APPLY: Apply at the first sign of insect infestation or damage. Repeat at 7-14 day intervals as needed.

HOW TO USE: Adjust spray nozzle to give a fine spray. Hold container about 12 inches from plant to be treated. Thoroughly cover all plant surfaces until slightly wet.

Precautions: (1) Spray with wind to your back. If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water, and launder clothing before wearing again. (2) Do not allow children or pets to contact treated areas until spray has dried. (3) Do not apply to lawns.

ROSES, FLOWERS, & SHRUBS: Such as Ageratum, Azaleas, Camellias, Carnations, Chrysanthemums, Coleus, Gladioli, Marigolds, Oleander, Pansy, Petunia, Pyracantha, Rhododendrons, Roses, Salvia, Snapdragons, and Viburnum.

To Control: Aphids, Apple and Thorn Skeletonizers, Azalea Caterpillar, Bagworms, Bean Beetles, Cabbageworms, Cotton Leaf Beetles, Cucumber Beetles, Cutworms, European Pine Shoot Moth, Flea Beetles, Hemlock Chermes, Hemlock Woolly Adelgid, Holly Bud Moth, Leafhoppers, Leafminers, Lacebugs, Leafrollers, Mealybugs, Mites (such as Carnation Bud, Carnation Shoot, Clover, Cyclamen, European Red, Privet, Southern Red, and Two-spotted), Oak Loopers, Obscure Root Weevil, Omnivorous Leaf-tiers, Pear Slugs, Scale Crawlers (such as Cottoncushion, Euonymus, Lecanium, Pine Needle Pit, San Jose, and Soft), Spider Mites, Tent Caterpillars, Thrips, Webworms (such as Cotoncushion, Fall, Juniper, and Mimosa), and Whiteflies.

VEGETABLES AND MELONS: Foliar Spray: Beans (lima, pole, and snap), fresh only (7), Broccoli (7), Cabbage (21), Cantaloupes (3), Casabas (3), Carrots (14), Cauliflower (7), Chinese Broccoli (10), Chinese Cabbage (Bok Choy and Napa) (10), Collards (10), Crenshaws (3), Cucumbers (7), Endive (Escarole) (14), Honeydew (3), Kale (10), Lettuce (14), Muskmelons (3), Onions (Bulb and Green) (14), Parsnips (14), Peas + , fresh only (7), Peppers (5), Persian Melons (3), Potatoes (35), Radishes (14), Spinach (14), Tops (14), Watermelons (3), and Winter Squash (3). Numbers in () indicate days required between last application and harvest.

To Control: Aphids, Armyworms, Colorado Potato Beetle, Cucumber Beetle, Diamond Back Moth (larvae), Flea Beetles, Grasshoppers, Imported Cabbage Worms, Leafhoppers, Mexican Bean Beetles, Mites, Onion Thrips, Spider Mites, Thrips, Vinegar Fly, Whiteflies.

May be applied up to 3 times per season for Beans and Peas, and up to 5 times per season for all other vegetable crops. **Note:** To protect bees, apply only to bean or pea foliage if the crop or weeds in the treatment area are not in bloom.

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HOME VINEYARD OR BERRY PATCH: Grapes (28), Strawberries (5): May be applied up to 5 times per season for grapes or up to 3 times per season for strawberries. Repeat sprays 7-10 days apart. Blackberries, Boysenberries, Dewberries, Loganberries, and Raspberries, CA,OR, WA only (7). May be applied up to 5 times per season. Repeat sprays 14 days apart. Numbers in () indicate days required between last application and harvest.

To Control: Aphids (such as Black Cherry, Leafcurl Plum, Mealy Plum, and Thistle), Cherry Fruit Flies, Dried Fruit Beetles, Frutiworms, (Maggots), Fruit Tree Leafrollers, Grape Berry Moth, Grape Leafrollers, Leafhoppers, Mealybugs, Mites, (such as Brown, Two Spotted Spider, and Cherry Rust), Raspberry Sawfly, Scale Crawlers (such as Olive, San Jose, Walnut, Italian Pear, and Frosted), Spider Mites, Strawberry Leafroller, Tentiform Leafminers, Thrips, Twig Borers, and Walnut Caterpillars.

NUISANCE PESTS: Apply directly to listed pests in outdoor areas.

To Control: Ants, Box Elder Bug, Brown Dog Tick, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Housefly, Millipedes, Scorpions, Sowbugs, Spiders (including Black Widow and Brown Recluse).

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USE AREAS

PESTS CONTROLLED

<p>ROSES, FLOWERS, & SHRUBS: Such as Ageratum, Azaleas, Camellias, Carnations, Chrysanthemums, Coleus, Gladioli, Marigolds, Oleander, Pansy, Petunia, Pyracantha, Rhododendrons, Roses, Salvia, Snapdragons, and Viburnum.</p>	<p>Aphids, Apple and Thorn Skeletonizers, Azalea Caterpillar, Bagworms, Bean Beetles, Cabbageworms, Cotton Leaf Beetles, Cucumber Beetles, Cutworms, European Pine Shoot Moth, Flea Beetles, Hemlock Chermes, Hemlock Woolly Adelgid, Holly Bud Moth, Leafhoppers, Leafminers, Lacebugs, Leafrollers, Mealybugs, Mites(such as Carnation Bud, Carnation Shoot, Clover, Cyclamen, European Red, Privet, Southern Red, and Two-spotted), Oak Loopers, Obscure Root Weevil, Omnivorous Leaf-tiers, Pear Slugs, Scale Crawlers (such as Cottoncushion, Euonymus, Lecanium, Pine Needle Pit, San Jose, and Soft), Spider Mites, Tent Caterpillars, Thrips, Webworms(such as Cotoneaster, Fall, Juniper, and Mimosa), and Whiteflies.</p>
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<p>VEGETABLES AND MELONS - Foliar Spray: Beans (lima, pole, and snap), fresh only(7), Broccoli (7), Cabbage (21), Cantaloupes (3), Casabas (3), Carrots (14), Cauliflower (7), Chinese Broccoli (10), Chinese Cabbage (Bok Choy and Napa) (10), Collards (10), Crenshaws (3), Cucumbers (7), Endive (Escarole) (14), Honeydew (3), Kale (10), Lettuce (14), Muskmelons (3), Onions (Bulb and Green) (14). Parsnips (14), Peas +, fresh only (7), Peppers (5), Persian Melons (3), Potatoes (35), Radishes (14), Spinach (14), Summer Squash (7), Strawberries (5), Sweet Corn (7), Tomatoes (1), Turnips (14), Turnip Tops (14), Watermelons (3), and Winter Squash (3)</p> <p>May be applied up to 3 times per season for Beans and Peas, and up to 5 times per season for all other vegetable crops. Note: To protect bees, apply only to bean or pea foliage if the crop or weeds in the treatment area are not in bloom. Numbers in () indicate days required between last application and harvest.</p>	<p>Aphids, Armyworms, Colorado Potato Beetle, Cucumber Beetle, Diamond Back Moth (larvae), Flea Beetles, Grasshoppers, Imported Cabbage Worms, Leafhoppers, Mexican Bean Beetles, Mites, Onion Thrips, Spider Mites, Thrips, Vinegar Fly, Whiteflies.</p>
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STORAGE AND DISPOSAL

STORAGE: Rotate nozzle to closed position. [For 1/2 gal. and 1 gal. sizes: Place trigger sprayer under handle on container to keep sprayer above the level of contents.] Store only in original container in a secure, cool dry place inaccessible to children and pets. Keep from freezing.

DISPOSAL: PRODUCT Try to use all of the product or give it to someone who will. If necessary to discard partially filled container, wrap and discard in trash.
CONTAINER: Do not reuse empty container. Wrap and put in trash.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if inhaled, or absorbed through skin. Avoid breathing spray mist and contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. *[Child / Pet icon]* Children and pets may return to treated area after spray has dried. Do not use on people or pets or inside the home.

First Aid: If Inhaled: Remove exposed person to fresh air. **If on skin:** wash with plenty of soap and water. **If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.

Note to Physician: Diazinon is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. For

further medical information call: 1-800-454-2333 ☛

ENVIRONMENTAL HAZARDS: This pesticide is highly toxic to birds, fish, and other wildlife. Birds feeding or drinking on treated area may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water. Do not contaminate water by disposal.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming plants if bees are visiting the treated area.

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

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Manufactured by / for
The SOLARIS Group of
Monsanto Company
P.O. Box 5008
San Ramon CA 94583-0808
Form _____ Product 6032
EPA Reg. No. _____ EPA Est. _____
Made in USA
UPC