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Registration # 239-2642



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

EPA Reg. Number:
239-2642

Date of Issuance:
SEP 8 1995

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
BUG-B-GON Insect
Killer 1

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The Solaris Group of Monsanto Corp.
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 following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 239-2642".
- b. The word "new" may be use on the product labeling for six months period following approval of the product labeling.
- c. The phrase "Exclusive formula" must be deleted from the labeling. Words or phrases implying that a product possesses unique characteristics because of its composition are not acceptable.

Signature of Approving Official:

Date:

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- d. Words or phrases implying that a product possesses unique characteristics because if its composition and comparative statement(s) concerning the effectiveness of a product as a pesticide or device are not acceptable. Therefore delete the following claims from the product label:
- The only bug killer you need to protect your roses, shrubs, trees, and flowers
 - The only bug killer you need to protect your yard from bugs
 - Now/Next Generation
 - Controls 100's (hundreds) of tough garden pests
 - Over 100 different outdoor uses/pests
 - For all you major insect/pest problems
 - Controls/Kills all major pests....
 - "General purpose"
- e. Use the statement "Outdoor Residential Use Only" as your icon on the front panel.
- f. Replace the statement "Additional information may be obtained by consulting your Cooperative Extension Service" with "Time application to flowering plants during periods when pollinating insects are not present, such as early morning or late evening."
- g. Following the table, add as a NOTE "Do not allow drift onto fish pools, ornamental ponds, streams or lakes. Do not apply to any food crop. Remove any animal (pet) feeding dishes prior to treatment."
- h. Add the following statement to the tank mix instructions "Observe all precautions and restrictions on the labeling of products used in combination."

Submit two copies of the revised final printed label for the record.

4. The alternate Confidential Statement of Formula (CSF) dated August 2, 1995 is unacceptable for the following reasons:

a. ~~We assume the antimicrobial agent is Legend MK.~~

		CONCURRENCES	
SYMBOL		What is Legend MK?	Is it an active or inert chemical? Please provide the chemical identity of all components, Material Safety Data Sheets and CAS Registry Numbers.
SURNAME			The supplier may contact us directly referencing you EPA Reg. No./File Symbol
DATE			

in their response.

- b. If the purpose in the formulation for the antimicrobial agent is to act as a biostat, as it is identified in column 15, then you must claim it as an active ingredient. If you intend to use it as a preservative than identify it in column 15.
- c. You must also provide a lower certified limit for both Legend MK and Silicon Emulsion on the CSF.

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 stamped copy of the label is enclosed for your records.

Reason to Issue: To propose a new product for homeowner market.

Date of Draft: March 27, 1995

Supersedes Pre-Reg. Draft bbg4

**ORTHO®
BUG-B-GON™ INSECT KILLER,**

[Icon] OUTDOOR USE ONLY

Kills bugs on roses, shrubs, trees, flowers, and home lawns.

New/Now/Next generation insect/bug killer

Water based

Low odor

Outdoor Residential use only

Remains effective for up to 4 weeks

Lasts for up to 4 weeks

Concentrate

Fast acting formula

Controls/kills aphids, caterpillars, beetles, thrips, whiteflies

Controls/kills foliar insects, lawn insects, nuisance pests

Can be used on roses, shrubs, flowers, houseplants, trees, and lawns

Apply with tank sprayer or hose-end applicator

Exclusive formula

Provides fast kill of garden pests

Kills ticks that cause Lyme Disease

Guaranteed to Work*

*Or your money back

1 qt. makes over 20 gals of spray

Fast acting - Kills in minutes/seconds

Won't hurt plants

The only bug killer you need to protect your roses, shrubs, trees, and flowers

New/Now Easy Measuring Cap

Easy Pour Spout

The only bug killer you need for roses, shrubs, trees, and flowers

The one bug killer for roses, shrubs, trees, and flowers

The only bug killer you need to protect your yard from bugs

Economical - costs pennies per gallon of diluted spray

Proven Effective

Mix with Fungicides for disease control on roses

Controls 100's (hundreds) of tough garden pests

Over 100 different outdoor uses/pests

For all your major insect/pest problems

Controls/Kills all major pests including aphids, caterpillars, beetles, whiteflies, ants,
cockroaches

ACCEPTED
with COMMENTS
In EPA Letter Dated

g:\groupel\pd&ellerry\bbg 2 March 27, 1995

08 SEP 1995

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

239-2692

Active Ingredient

Cyfluthrin, cyano(4-fluoro-3-phenoxyphenyl)methyl

3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate . 0.24%

Inert Ingredients 99.76%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel booklet for additional precautionary statements.

NET CONTENTS _____ / _____ (metric equivalent)

[THE FOLLOWING COPY IS FOR FIX-A-FORM BOOKLET TYPE LABELS WHICH CONSUMERS CAN OPEN, READ, AND RESEAL EASILY AT RETAIL AS WELL AS AT TIME OF USE]

BUG-B-GON Insect Killer₁ is a fast acting, general purpose insecticide that controls a wide range of common garden pests including aphids, caterpillars, beetles, scale crawlers, thrips, whiteflies, ants, spiders, crickets, and lawn insects. For use on roses, flowers, shrubs, trees, lawns, and houseplants. Kills nuisance pests such as crickets, spiders, ants, cockroaches, and flies. Controls lawn insects such as armyworms, chinch bugs, mole crickets, and sod webworms. May be applied with a tank sprayer or Ortho hose-end applicator. Convenient package has a pour spout and measuring cap for fast, easy, accurate measuring.

NEW FROM ORTHO
Bug-B-Gon Insect Killer₁

Peel open for use directions and further information

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation. PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.

PULL HERE TO OPEN LABEL PRESS TO RESEAL

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

Manufactured for
The Solaris Group of
Monsanto Company
P.O. Box 5008 San Ramon CA 94583-0808
Form RS858-A Product
EPA Reg. No. 239-
EPA Est. 239-IA-3¹, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA

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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.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

WHEN TO APPLY:

Treat when insects or their damage first appear. Repeat as needed.

WHERE & HOW TO APPLY:

FOR OUTDOOR USE ONLY: Refer to the table for specific insects and tips on their control. Use a hose-end or tank sprayer to treat roses, houseplants, flowers, shrubs, trees, and lawns.

Measuring Cap: To open, squeeze cap sides while unscrewing. Refer to table below for measuring instructions. Close cap tightly after use - no need to rinse.

Level 1 = 1 teaspoon (tsp)

Level 2 = 1 Tablespoon (Tbs) = 2 tsp = 1/2 oz

Level 3 = 1 fl oz (2 Tbs)

Level 4 = 2 fl oz (4Tbs)

Pests	Product To Measure	Treatment Tips
<p>Roses, Flowers, Shrubs, Trees, Houseplants (treat outdoors)</p> <p>Aphids, Bagworms, Bristly Roseslugs, California Oakworm, Casebearers, Elm Leaf Beetles, Fungus Gnats, Grasshoppers, Gypsy Moth Larvae, Japanese Beetles(adults), Lace Bugs, Leaf Feeding Caterpillars, Leaf Feeding Beetles, Leafhoppers, Mealybugs, Midges, Orchid Weevil, Pear Pyslla, Peppertree Psyllid, Pine Shoot Moths, Plant Bugs, Sawfly Larvae, Scale Insects (crawler stages), Spittlebugs, Thrips, Whiteflies</p> <p>Nuisance Pests</p> <p>Ants, Boxelder Bugs, Clover Mites, Cockroaches, Crickets, Flies, Midges, Mosquitoes, Pillbugs, Sowbugs, Spiders, Ticks, Wasps</p>	<p><u>Tank Sprayer:</u> Fill cap to level 2 three times (1 1/2 fl oz) Pour into 1 gal of water.</p> <p><u>DIAL 'n SPRAY® Hose-End Sprayer</u> No need to measure. Simply pour product into sprayer jar. Do not add water. Set dial to 1 1/2 oz. Any unused product can be poured back into the original product container.</p> <p><u>ORTHO SPRAY-ETTE® hose-end sprayers:</u> To apply 4 gallons of finished spray, fill cap to level 4 three times (6 fl oz). Pour into sprayer jar. Fill jar to the 4 gal mark with water.</p>	<p>Spray until plant is wet and just begins to drip. Spray stems, branches, and undersides of leaves for best results.</p> <p>For treatment of houseplants, take outdoors and treat. Return indoors after plants are dry.</p> <p>To control ants, crickets, midges, roaches, spiders, wasps, flies, and mosquitoes, spray areas under plants, around foundations, hiding or resting places in ground covers, mulching materials and in tall grass or weeds. Spray around the house foundation to prevent insect pests from retry.</p>

Pests	Product To Measure	Treatment Tips
<p>Lawns</p> <p>Ants, Armyworms, Bluegrass Billbug (adult), Chinch Bugs, Chiggers, Crickets, Cutworms, Earwigs, , Fleas, Grasshoppers, Hyperodes Weevil (adult), Japanese Beetles (adult), Mole Crickets, Sod Webworms, Ticks (including Deer Ticks)</p> <p>Aids in control of Fire Ants</p>	<p><u>Tank Sprayer:</u> Fill cap to level 2 (1 Tbs). Pour into 1 gal of water and spray over 25 sq. ft.</p> <p><u>DIAL'n SPRAY® Hose-End Sprayer:</u> Fill cap to level 4 (2 oz) for every 100 sq ft of lawn area. Pour into sprayer jar. Do not add water. Set dial to 4 tsp. Spray evenly over desired area.</p> <p><u>ORTHO Lawn Pest & Fertilizer:</u> Fill cap to level 4 five times (10 fl oz) Pour into sprayer jar. Fill jar with water to the 15 gal. mark and spray over 500 sq.ft.</p>	<p>Mow lawn and water thoroughly 1 to 2 days before treatment. Do not water for at least 24 hours after treatment. Apply with a coarse spray and evenly cover lawn area. Keep children and pets off treated areas until lawn is dry.</p>

Combination Spray With Fungicides On Roses:

Bug-B-Gon Insect Killer, may be used mixed with RosePride™ Funginex® Rose Disease Control or Multi-Purpose Fungicide Daconil 2787® Plant Disease Control to control insects and diseases on roses in 1 easy step. Use the labeled rates for each product.

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STORAGE AND DISPOSAL:

Storage: Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. **Disposal:** Do not reuse empty container. Wzap and put in trash

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. **FIRST AID:** **If swallowed:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **If in eyes:** Flush eyes with plenty of water. Get medical attention. **If on skin:** Remove contaminated clothing and wash affected area with soap and warm water. Wash clothing before reuse. **If inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention immediately.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. This pesticide is highly toxic to bees exposed to direct treatment or residues on crops or weeds. Do not apply or allow to drift onto crops or weeds on which bees are actively foraging. Additional information may be obtained by consulting your Cooperative Extension Service.

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

[icon] Medical Information call 1-800-454-2333
Product Information call 1-800-225-2883

SOLARIS™

ORTHO®, DIAL 'n SPRAY®, SPRAY-ETTE®, SOLARIS™, RosePride™ Trademarks of Monsanto Company

Funginex® Trademark of American Cyanamid Company
Daconil 2787® registered trademark of ISK Biotech Corp. ----
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Manufactured for
The Solaris Group of
Monsanto Company
P.O. Box 5008 San Ramon CA 94583-0808
Form RS858-A Product
EPA Reg. No. 239-
EPA Est. 239-IA-3¹, 58996-MO-1^A
Superscript is first letter of lot number
Made in USA