

84524-2

03/26/2008

1/6



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:
84524-2

Date of Issuance:
March 26, 2008

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:
Registered until December 1, 2009

Name of Pesticide Product:
GOLD'n GRO® Guardian Deer
Repellent

Name and Address of Registrant (include ZIP Code):

Itronics Metallurgical, Inc.
c/o Ag-Chem Consulting.
12208 Quinque Lane,
Clifton, VA 20124

300 5-826647
1170

Attention: Mr. Mathew Brooks

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 section 3(c)(7)(A) provided that Itronics Metallurgical:

- A. limits the total amount of GOLD'n GRO® Guardian Deer Repellent that it distributes or sells in the United States in any given calendar year to 300 pounds of the active ingredient, denatonium benzoate;
- B. agrees to voluntary cancellation of all uses of GOLD'n GRO® Guardian Deer Repellent, effective December 1, 2009;

DBP
Daniel B. Peacock, Biologist
Insecticide-Rodenticide Branch
Registration Division (7505C)

Date:
March 26, 2008

2/6

- C. within 15 months of registration, submits Corrosion Characteristics (830.6317) and Storage Stability (830.6320) data;
- D. submits one (1) copy of final printed labeling before releasing the product for shipment.

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. If you have any questions, please contact Dan Peacock by phone (703-305-5407), fax (703-308-0029), or E-Mail (peacock.dan@epa.gov).

- Enclosures:
- 1. Stamped Label
 - 2. Minimum Type Sizes for Final Printed Label

Dan Peacock, Flash Drive 2gb, L:\Documents\Word, WP, Excel, etc\Denatonium Benzoate, Bitrex\84524-E\Notice of Registration\84524-2, Notice of Registration, 3-18-2008, ver1, draft.doc

3/6

GOLD'n GRO® Guardian Deer Repellent

Repels deer from feeding on conifers, shrubs, deciduous trees, flowers and other ornamental plants,

ACTIVE INGREDIENT:

Denatonium benzoate: Benzyl-diethyl [(2,6 xylyl carbamoyl) methyl] ammonium benzoate0.2%

OTHER INGREDIENTS:..... 99.8%
TOTAL: 100.0%

Contains 0.017 lbs (7.76 gms) of active ingredient per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

(See other panel for additional precautionary statements.)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 26 2008

Net Contents: 1 gallon

One gallon of this product makes 20 gallons of finished spray solution (after mixing with one gallon of GOLD'n GRO 8-8-8 + 4% Sand 16 gallons of water)

Under the Federal Insecticide, Fungicide and Rodenticide Act registered under EPA Reg. No. 84524-2

EPA Reg. No. 84524-2
EPA Est. No.

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4/16

PRECAUTIONARY STATEMENTS
Hazards to humans and domestic animals

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product containers or labels with you when calling a poison control center or doctor, or going for treatment. Contact 1-800-858-7378 for emergency medical treatment advice.

ENVIRONMENTAL HAZARDS

For terrestrial use only. Keep out of lakes, streams or ponds. Do not apply directly to water, in areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water, food or feed by cleaning equipment or waste disposal.

DIRECTIONS FOR USE

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

USE RESTRICTIONS: This product may be used to discourage deer (*Odocoileus* spp.) from feeding on shrubs, ornamental plants, conifers, and nonbearing deciduous trees. Use this product only at ambient temperatures between 40° F and 90° F. Where deer pressure is high, consider other abatement options including fencing. Do not use on food or feed crops.

Do no apply aerially. Do no apply product through any type of irrigation system or hose proportioner applicator. Do not apply directly to or where product might drift onto stone, concrete or siding as staining might occur. Apply only for sites, pests, and application methods described on this label. Gold N Gro Guardian® has been tested on many species of ornamental plants and is believed not to be generally phytotoxic. Nevertheless, it is advisable to test the product on types of plants that might be especially sensitive by treating and observing small portions of the plant before treating the entire plant.

APPLICATION DIRECTIONS: This product is ready-to-use. Do not dilute. Shake container well before using product. Apply Gold N Gro Guardian® directly using the squeeze trigger applicator. If the container lacks a squeeze trigger, transfer product to any pump-type sprayer equipped with a cone or flat fan nozzle. Adjust nozzle to obtain even coverage. Apply only to dry plants. Hold spray tip 1 to 2 feet from plants to be treated and spray leaves, needles, buds, branches and trunks subject to browsing by deer. Thoroughly wet treated surfaces but do not apply to the point of significant spray run-off. For small shrubs such as global arborvitae 20-20" high, approximately 4-5 plants can be treated with the contents of a 1-quart container. Less product per plant will be needed for treating smaller, or less densely foliated plants; larger, heavily foliated plants will require greater amounts of product. Repeat treatments if deer damage resumes. In Spring, apply to buds, sprouts, stems, and unprotected foliage, as new growth appears. In fall, apply to needles, bare branches and trunks after first frost.

APPLICATION RATES

<u>Plant</u>	<u>Size</u>	<u>1 Gallon Covers</u>
<u>Flowers</u>	<u>15- 20" tall</u>	<u>80- 100 plants</u>
<u>Hosta and low ornamental plants</u>	<u>24" wide</u>	<u>15 plants</u>
<u>Tree, large</u>	<u>Treated to 5' tall</u>	<u>17 trees</u>
<u>Tree (pyramid shaped)</u>	<u>15" to 18" tall</u>	<u>77 trees</u>
<u>Shrub (evergreen or broadleaf)</u>	<u>24" x 24"</u>	<u>30 shrubs</u>
<u>Seedling</u>	<u>6" - 8" tall</u>	<u>1,000 seedlings</u>

CLEAN APPLICATION EQUIPMENT IMMEDIATELY BEFORE SPRAY DRIES.

PESTICIDE STORAGE:

Store only in original container in a cool, dry area inaccessible to children and pets. Do not store in direct sunlight. Protect from freezing and heat. Keep container tightly closed to prevent evaporation.

PESTICIDE DISPOSAL:

Promptly discard leftover spray according to label directions. Rinsates resulting from use of this product may be disposed of by watering plants, or disposed at an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE: To the extent allowed by law, Itronics Metallurgical, Inc. makes no express or implied warranties of fitness or merchantability or any other kind whatsoever, except

6/6

that the product conforms to the specifications on the label and is reasonably fit for the uses described. To the extent allowed by law, Itronics Metallurgical, Inc.'s sole liability on the warranty is limited, at Itronics Metallurgical, Inc.'s discretion, to replacement of the defective product or return of the purchase price paid for the defective product. Under no circumstances shall Itronics Metallurgical, Inc. be liable for incidental, consequential or special damages. The buyer assumes all risks and liability resulting from the use of this product, whether used singly or in combination with other good. Itronics Metallurgical, Inc. neither assumes, nor authorizes any person to assume for it, any other liability in connection with the sale or use of this product.

Manufactured by:
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