

192-49

07/06/2000

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

EPA Reg. Number:

192-49

Date of Issuance:

July 6, 2000

Term of Issuance:

Name of Pesticide Product:

Dexol Gopher Gasser

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Dexol  
A Division of Verdant Brands  
9555 James Ave, South  
Suite 200  
Bloomington, MN 55431

$\frac{675}{22}$  5-576320

Attention: Mr. Gary N. Clark

**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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted", with comments. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling with the following changes before you release the product for shipment:

Signature of Approving Official:

*Tina E. Levene*

Date:

JUL 6 2000

1. Your current presentation of your "FIRST AID" text is unacceptable as it is too difficult to read. If you have a space problem on your box label, consider one or more of the following possibilities:
  - a. Abbreviate "minutes" to "min".
  - b. Combine and abbreviate your NPTN text.
  - c. Give less prominence and white space to your company name and address.
  - d. Put some of your text currently on the "BACK PANEL" on your "FRONT PANEL". For example, you could move the 4-sentence text under WARNING ("Causes ... if inhaled.") to the FRONT PANEL directly under "WARNING". The text on the "BACK PANEL" would then read:

PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS & DOMESTIC ANIMALS

FIRST AID	
Have label with you when obtaining treatment advice.	
If on skin or clothing	<ul style="list-style-type: none"> <li>•Take off contaminated clothing.</li> <li>•Rinse skin immediately with plenty of water for 15-20 min.</li> <li>•Call a poison control center, doctor, or 1-800-858-7378<sup>1</sup> immediately for treatment advice.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>•Move person to fresh air.</li> <li>•If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>•Call a poison control center, doctor, or 1-800-858-7378 immediately for treatment advice.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>•Hold eye open and rinse slowly and gently with water for 15-20 min.</li> <li>•Remove contact lenses, if present, after the first 5 min, then continue rinsing eye.</li> <li>•Call a poison control center, doctor, or 1-800-858-7378 immediately for treatment advice.</li> </ul>

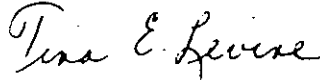
<sup>1</sup> National Pesticides Tele-Communications Network (NPTN): Gives information on health concerns, medical emergencies and incidents.

**Existing stocks date**      You will have eighteen (18) months to use up existing stocks of previously approved labeling.

**Consequence  
for non-  
compliance**

This registration will be subject to cancellation in accordance with FIFRA sec. 6(e) if you do not comply with these conditions. Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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



Tina Levine, PhD  
Insecticide-Rodenticide Branch  
Registration Division (7504C)

**RED references**

Reregistration Eligibility Decisions (REDs)  
Sulfur RED: List A, Case 0031 (Issued 1990);  
Carbon\CO<sub>2</sub> RED: List D, Case 4019 (Issued September 1991)  
Nitrate RED: List D, Case 4052 (Issued September 1991)

**Letter filed**

C: dpeacock\Dan Peacock\Carbon\192-49 Notice of Registration ver 2.wpdJuly 6, 2000

[FRONT PANEL - BOX]

DEXOL

GOPHER

GASSER

Kills Gophers & Ground Squirrels

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUL 6 2000

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. 480

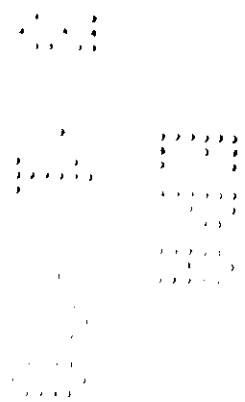
Active Ingredients:	
Potassium Nitrate.....	45.0%
Sulphur.....	19.2 - 4.9
Carbon.....	8.0%
Other Ingredients:.....	2.0%
Total:.....	100.0%

Keep Out Of Reach Of Children

**WARNING**

See back panel for additional precautionary statements

NET WT. 4.5 OZ. (127.6 g)



[BACK PANEL – BOX]

**DIRECTIONS FOR USE**

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

**Dexol Gopher Gasser** control pocket gophers in lawns, golf courses and gardens and controls ground squirrels in lawns, golf courses and rangeland. The toxic gases produced will travel through unplugged burrow systems to kill the pests.

**FOR OUTDOOR USE ONLY.** Do not use under buildings, homes, porches, or any structure due to possible fire hazard. Dexol Gopher Gasser will not control tree squirrels.

**SEE INSERT FOR COMPLETE DIRECTIONS FOR USE, USE RESTRICTIONS AND ENDANGERED SPECIES CONSIDERATIONS.**

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS & DOMESTIC ANIMALS**

**WARNING:** Causes eye irritation. Harmful if absorbed through the skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. After ignition, cartridge produces toxic gases. Fumes may be harmful if inhaled.

**FIRST AID**

Have label with you when obtaining treatment advice. **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, doctor or 1-800/858-7378. **IF INHALED:** Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center, doctor or 1-800/858-7378. **IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center, doctor or 1-800/858-7378.

**ENVIRONMENTAL HAZARD**

This product is highly toxic to wildlife. Check all burrows for signs of non-target species. If present, do not treat burrows.

**ENDANGERED SPECIES CONSIDERATIONS**

**I. General Considerations**

**NOTICE:** It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species. The use of this product may pose a hazard to Federally designated endangered/threatened species. To protect endangered species, use this product according to the "Endangered Species" considerations section of the enclosed "Pamphlet Insert" and the guidance in the following paragraph.

Suggested measures to protect endangered species in your county may exist in the EPA "Interim Measures" pamphlet. You may call EPA's Endangered Species Hotline, 1-800/447-3813, to find out if an "Interim Measures" pamphlet exists for your county and

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have one sent to you. You can also consult your local county extension office or pesticide state lead agency to determine whether they have imposed any requirements in your area to protect endangered and threatened species.

### **CHEMICAL HAZARDS**

Once ignited by the fuse, this cartridge will burn vigorously until completely spent and is capable of causing severe burns to exposed skin and clothes, and of igniting dry grass, leaves and other combustible materials.

### **STORAGE & DISPOSAL**

Storage: Store only in original container, in a dry place inaccessible to children and pets.

Disposal: Do not reuse empty container. Securely wrap in newspaper and discard in trash.

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

For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents) call the National Pesticide Tele-communications Network at 1-800/858-7378.

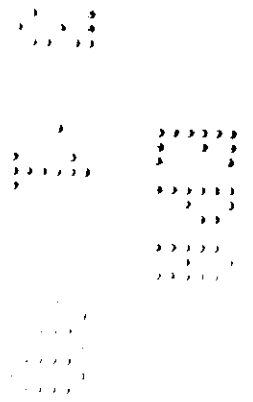
If you are not completely satisfied with this product, or for consumer information, call (612) 703-3300 weekdays 9-5 Central Time to arrange a refund for the purchase price or replacement of the product. Proof of purchase is required.

EPA Reg. No. 192-49

EPA Est. No. 73046-CHN-1 or 73046-CHN-2

Manufactured for:  
Dexol, A Division of Verdant Brands, Inc.  
9555 James Ave. South, Suite 200  
Bloomington, MN 55431

Made in China



[INSERT - PAGE 1]

DEXOL

GOPHER

GASSER

Kills Gophers & Ground Squirrels

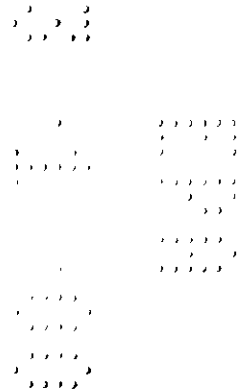
Active Ingredients:

Potassium Nitrate.....	45.0%
Sulphur.....	45.0%
Carbon.....	8.0%
Other Ingredients:.....	<u>2.0%</u>
Total:.....	100.0%

Keep Out Of Reach Of Children

**WARNING**

See back panel for additional precautionary statements



**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 is to be used to control pocket gophers in lawns, golf courses and gardens and controls ground squirrels in lawns, golf courses and rangeland. The toxic gases produced will travel through unplugged burrow systems to kill the pests. **FOR OUTDOOR USE ONLY.** Do not use under buildings, homes, porches, or any structure due to possible fire hazard. Dexol Gopher Gasser will not control tree squirrels.

In order for gas-producing cartridges to be effective on the pest species, a sufficient concentration of gas must be retained in the burrow system over a sufficient period of time. Damp soil tends to retain toxic gasses within a burrow system better than dryer soil and, therefore, may enhance the effectiveness of this product. Use under conditions of extremely dry soil and vegetation also increases the risk of starting brush fires.

**POCKET GOPHERS**

**Burrow Preparation** – For best results with any toxic gas, the product should be released in the main runways in a sufficient number of locations to ensure that a lethal concentration of gas reaches the pocket gopher.

Pocket gopher burrow systems usually consist of a main burrow 4-20" (10-50cm) below the ground surface and variable numbers of lateral burrows off of the main underground runway. Deeper branches off of the main runway are used as nests and for food caches. Burrow diameter ranges from 2-5" (5-12cm) and varies with the size of the species.

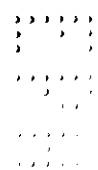
Locate characteristic fan-shaped soil mounds which has signs of recent activity (e.g., recently excavated soil) at their plugged entrances. Remove soil plug from the center of each burrow entrance. Return the next day to see if the burrow opening has been re-plugged, indicating active use by a pocket gopher. **DO NOT** treat burrows that remain unplugged.

Find the horseshoe-shaped depression on one side of the plugged mound. Locate the main runway by probing the ground 15-18" (38-46cm) from the mound, starting on the same side as the depression. The main runway has been located when friction on the probe is released and it falls into the runway. Using a shovel or trowel, dig down to the main runway, taking care not to block it with soil.

**Burrow treatment –**

**Before Lighting the Fuse:** Insure that cartridge will pass easily into opening and make sure that enough material is on hand to close burrows.

**To light fuse,** hold a Dexol Gopher Gasser cartridge away from your body and ignite tip of fuse with a match or lighter with a small flame. The minimum fuse burn time is 5 seconds when it is lit at the tip. **DO NOT INHALE THE TOXIC FUMES.** When it is





lit, carefully insert the cartridge, fuse-end first, into one side of the open runway. Immediately close the opening with a board or shovel of sod. Tamp lightly with soil to prevent gases from escaping. If smoke is seen escaping from other holes, plug them firmly with soil. Treat all active mounds.

One cartridge placed in the end of a runway should be sufficient. One or more additional cartridges must be used if treatment takes place in the middle of runway or if a runway is "T-shaped". Otherwise, there is a 50% chance that the pocket gopher will be on the untreated side of the plugged runway.

Within 5 days of treatment, check area for appearance of fresh mounds which could be the work of survivors of gophers that have moved into the treated area. Retreat all systems with evidence of new pocket gopher activity.

### GROUND SQUIRRELS

Ground squirrel burrow design varies with the species, soil type, habitat, and climate. Burrows may be as much as 9' deep (nearly 3m). Burrow diameter varies with the body size of the species (and other factors) and may range from 2-10" (2-25cm).

It is preferable to treat ground squirrel burrows during the spring breeding season. Observe the area in early morning before treating burrows to confirm that ground squirrels are actively using the site. DO NOT treat unoccupied burrows. DO NOT treat burrows with evidence that a snake or weasel has entered in pursuit of prey.

Collect plenty of dirt and other material for closing burrow opening. Make sure openings are large enough for easy insertion of lit cartridge. Treat each burrow opening by lighting fuse (minimum fuse time = 5 seconds) and inserting cartridge into hole fuse-end first. Cover hole immediately, taking care not to smother cartridge with loose dirt. Immediately cover all other openings from which gas escapes. Proceed to the next closest open burrow and treat it in the same manner. Within 5 days of treatment, check area for appearance of live ground squirrels or opened burrow systems which could be the work of survivors or squirrels that have moved into the treated area. Retreat all systems with evidence of residual activity.

### ENDANGERED SPECIES CONSIDERATIONS

1. **Black-Footed Ferret:** Do not use this product in the range of the Black-Footed Ferret. Contact the nearest U.S. Fish and Wildlife Service Office (Endangered Species Specialist) before the product is used. They will arrange for a survey of the proposed use site.
2. **Utah Prairie Dog:** Do not use this product in the range of the Utah Prairie Dog, which occurs in Utah.
3. **San Joaquin Kit Fox:** This pesticide should not be used within 1 mile of the active dens of the San Joaquin Kit Fox in the following California counties: Kern, Kings, Fresno, San Luis Obispo, Merced, Monterey, Santa Barbara, Ventura, Tulare and San Benito. Prior to use, contact the California Department of Fish and Game for recommendations.
4. **Blunt-Nosed Leopard Lizard:** This pesticide should not be used in the range of the Blunt-Nosed Leopard Lizard in the following California Counties: Kern,

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- Fresno, Kings, Madera, Merced and Tulare. Prior to use, contact the California Department of Fish and Game for recommendations.
5. **Eastern Indigo Snake:** Do not use this product in the range of the Eastern Indigo Snake in the following states: Mississippi, Alabama, South Carolina, Georgia and Florida.
  6. **Desert Tortoise:** This pesticide should not be used in the critical habitat of the Beaver Dam slope population of the Desert Tortoise in Utah. This comprises an area extending from the southwest facing slope of the Beaver Dam Mountains, across Highway 91, west along the Arizona border and 10 miles to the Nevada border.

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HAZARD TO HUMANS & DOMESTIC ANIMALS**

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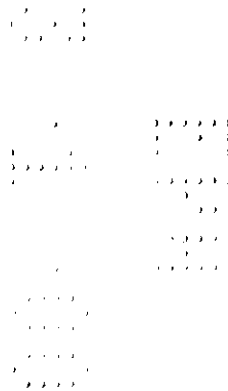
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Manufactured for:  
Dexol, A Division of Verdant Brands, Inc.  
9555 James Ave. South, Suite 200  
Bloomington, MN 55431

Made in China



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[CARTRIDGE LABEL]

DEXOL

GOPHER GASSER

Aid to Rodent Control

Active Ingredients:	
Potassium Nitrate.....	45.0%
Sulphur.....	45.0%
Carbon.....	8.0%
Other Ingredients:.....	<u>2.0%</u>
Total:.....	100.0%

Keep Out Of Reach Of Children

**WARNING**

IMPORTANT: SEE PRECAUTIONARY STATEMENTS ON BACK OF PACKAGE AND FOLLOW ENTIRE DIRECTIONS FOR USE AND USE RESTRICTIONS ON ENCLOSED INSERT BEFORE USING.

AFTER IGNITION, CARTRIDGE PRODUCES TOXIC GASSES. FUMES MAY BE HARMFUL IF INHALED.

Manufactured for:  
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9555 James Ave. South, Suite 200  
Bloomington, MN 55431

Made in China

Revised: 1/12/2000

