

1448-427

1-29-2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Antimicrobials Division (7510C)  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

1448-427

JAN 29 2003

Term of Issuance:  
CONDITIONAL

NOTICE OF PESTICIDE:

- Registration
- Re-registration

Name of Pesticide Product:

DIALD 50

under FIFRA, as amended)

Name and Address of Registrant (include ZIP code):

Buckman Laboratories, Inc.  
1256 North McLean Blvd.  
Memphis, TN 38108

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials 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, as amended.

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 you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4, or as required by registration review under FIFRA Section 3(g).

2. Make the following labeling changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 1448-427".

Signature of Approving Official:

*MSwindell*  
Marshall Swindell, Product Manager, Team 33,  
Regulatory Management Branch I, Antimicrobials Division

Date:

JAN 29 2003

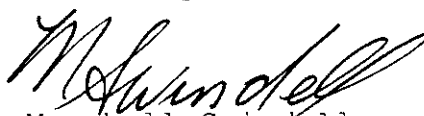
3. Submit three copies of a final printed production label.

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 accepted label is enclosed for your records.

If you have any questions concerning this letter, please contact myself at 703-308-6341, or Portia Jenkins at (703) 308-6230.

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch 1  
Antimicrobial Division(7510C)

Enclosure

# DIALD 50

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**Precautionary Statements**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

FIRST AID	
If in Eyes	<ul style="list-style-type: none"> <li>- Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>- Call a poison control center or doctor for further treatment advice.</li> </ul>
If on Skin, Clothes	<ul style="list-style-type: none"> <li>- Take off contaminated clothing.</li> <li>- Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>- Call a poison control center for treatment advice.</li> </ul>
If Ingested	<ul style="list-style-type: none"> <li>- Call poison control center or doctor immediately for treatment advice.</li> <li>- Have person sip a glass of water, if able to swallow.</li> <li>- Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>- Do not give anything by mouth to an unconscious person.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>- Move person to fresh air.</li> <li>- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li> <li>- Call a poison control center or doctor for further treatment advice.</li> </ul>
HOT .LINE NUMBER	
Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

Corrosive. Causes irreversible eye damage and skin burns. Harmful or fatal if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin, on clothing. Avoid breathing vapours and mists. **Not to be used as an aerosol.** May cause allergic skin reactions in certain individuals. May cause asthmatic signs and symptoms in some hyper-reactive individuals. Wear goggles or face shields, rubber gloves and protective clothing when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, and using tobacco. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not apply in marine and/or estuarine oil fields. Do not contaminate water when disposing of equipment washwaters.

Instructions in Case of Spills or leaks: Wear goggles or face shield, rubber gloves, and protective clothing. Absorb spills and leaks with inert material such as sand, clay or vermiculite. Shovel into a suitable container and dispose of in an authorized EPA disposal facility.

In Case of Fire: Use water, carbon dioxide, dry chemical (e.g. Sodium bicarbonate) extinguishing mediums. Fire fighters should be equipped with self-contained breathing apparatus and turnout gear.

In Case of Chemical Emergency: Call CHEMTREC day or night for assistance and information concerning spilled material, fire, exposure and other chemical accidents. 800-424-9300.

A manufacturers use product for formation of microbiocide for controlling slime-forming bacteria, sulfate-reducing bacteria, fungi, yeast and algae in paper mills and paper mill process water systems, pigments and filler slurries for food contact paper and paperboard, non-food contact water based coatings for paper and paperboard, air washers, recirculating cooling water systems, heat transfer systems, and oilwell drilling and oil field processing applications. **Do not use in any marine and/or estuarine oil field applications.**

<b>ACTIVE INGREDIENTS:</b> Glutaraldehyde.....50.0% <b>INERT INGREDIENTS:</b> .....50.0% <b>TOTAL</b> .....100.0%	
Storage and Disposal	
Do not contaminate water, food or feed by storage or disposal.	
<b>PESTICIDE STORAGE</b> DIALD 50 solutions are corrosive to many commonly used materials of construction such as steel, galvanized iron, aluminum, tin and zinc. These solutions can be stored and handled in baked phenolic lined steel, stainless steel or reinforced epoxy equipment. This product freezes at approximately -20°C (-4°F). Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage (1 month) temperatures up to 100°F can be tolerated; however, the preferred maximum storage temperature is approximately 80°F. Keep away from fire and open flames. A stainless steel centrifugal pump is suggested for transfer service. Asbestos is suitable for gaskets and packing.	
<b>PESTICIDE DISPOSAL</b> Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environment Control Agency, or the Hazardous Waste Representative at the nearest EPA regional office for guidance.	
<b>CONTAINER DISPOSAL</b> Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.	
<b>GENERAL</b> Consult Federal, State and local authorities for approved alternative procedures RCRA Hazardous Waste Code D002.	
Manufactured by <b>Buckman Laboratories, Inc.</b> 1256 North McLean Blvd., Memphis, Tennessee 38108, USA (901) 278-0330 or 1-800-BUCKMAN	
EPA Est. No.	1448-TN-1
EPA Reg. No.	1448-
Product Weight	9.5 lbs./gal. 1.13 kg/L
Net contents are marked on the container.	
HMIS / NPCA Ratings	
Health	3
Flammability	1
Reactivity	0
Last Revision	
12/13/2002	

Directions for Use

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

For use by manufacturers in formulating microbiocides.

Formulators using this product are responsible for obtaining EPA registration for their

**CONDITIONS OF SALE**

BUCKMAN LABORATORIES warrants that the product conforms to its chemical description. BUCKMAN LABORATORIES MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.

Handling, storage, and use of the product by the Buyer are beyond the control of BUCKMAN LABORATORIES. BUCKMAN LABORATORIES shall not be liable for, and the Buyer assumes responsibility for, any damage, loss, handling, possession, use or resale of the material, whether the same is used alone or in combination with any other material. IN NO EVENT SHALL BUCKMAN LABORATORIES BE RESPONSIBLE FOR SUCH DAMAGE, LOSS, HANDLING, POSSESSION, USE OR RESALE, WHETHER BUYER'S CLAIM IS IN CONTRACT, NEGLIGENCE OR OTHERWISE.

**ACCEPTED**  
with **COMMENTS**  
in EPA Letter Dated:

JAN 29 2003

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

1448-427