

PM 31 46519-1

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460  NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION  (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 46519-1	DATE OF ISSUANCE MAY 23 1991
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT  D125-10	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Microgen  
 PO BOX 1421  
 Arlington, VA 22210

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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/cite all data required for registration/reregistration 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 reregistration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment: (master label)
  - a. Add the phrase "EPA Registration No. 46519-1".
  - b. Just a reminder to check the point size of the signal word: Danger before you print your final labels.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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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.

Sincerely,

John H. Lee  
Product Manager (31)  
Antimicrobial Program Branch  
Registration Division (H7505C)

Enclosures

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

3083

**DIRECTIONS FOR USE**  
**General Classification**

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

It has been designed specifically for hospitals, Hotels, Motels, Schools and other institutions where disinfection and sanitization is of prime importance.

**DISINFECTION**-To disinfect previously cleaned hard inanimate surfaces (such as walls, floors, table tops), apply solution with mop, cloth, or sponge or mechanical sprayer so as to wet thoroughly. Allow to remain wet for 10 minutes and then let air dry.

**DILUTION RATES:** General Disinfection - add 3 ounces per 5 gallons of water. **Virucidal Disinfection** - add 1 1/2 ounces per 5 gallons of water.

For disinfection of previously cleaned surgical instruments, barber tools and dental equipment, simply submerge instruments into solution containing 1 1/2 ounces per gallon of water for 10 minutes.

For disinfection, a pre-cleaning step is required and recommended. Prepare a fresh solution for each use.

**DEODORIZER**-To deodorize, apply solution as indicated under the heading "General Disinfection" above.

**MILDEWSTAIN**-To control mold and mildew on pre-cleaned, hard non-porous surfaces (such as floors, walls, table tops), add 3 ounces per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

**SANITIZATION**-To sanitize previously cleaned and rinsed non-porous food contact surfaces, prepare 200ppm active quaternary solution by adding 1 ounce to 4 gallons of water.

To sanitize immobile items (such as tanks, chipping blocks, counter tops), flood the area with 200ppm 2125M solution for at least 60 seconds making sure to wet all surfaces completely. Remove and Prepare a fresh solution daily or more frequently as soil is apparent.

To sanitize mobile items (such as drinking glasses, eating utensils), immerse in 200ppm solution for at least 60 seconds making sure to wet all surfaces completely. Remove and Prepare a fresh solution daily or more frequently as soil is apparent.

**PRECAUTIONARY STATEMENTS**  
Hazard to Human and Domestic Animals  
**DANGER**

Keep Out of Reach of Children. Causes severe eye and skin damage. Do not get in eyes, skin or on clothing. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Remove and wash contaminated clothing.

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician. Remove and wash all contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Call a physician.

**NOTE TO PHYSICIAN**

Probable medical damage may contraindicate the use of gastric lavage. Measure against circulatory shock, respiratory depression and convulsion may be needed.

**D125-10**

Disinfectant      Sanitizer  
Deodorizer      Virucide\*

**ACTIVE INGREDIENTS:**

- n-Alkyl (60XC<sub>14</sub>, 30ZC<sub>16</sub>, 5XC<sub>12</sub>, 5XC<sub>18</sub>) dimethyl benzyl ammonium chlorides.....52
- n-Alkyl (68XC<sub>12</sub>, 32XC<sub>14</sub>) dimethyl ethylbenzyl ammonium chlorides.....5X
- INERT INGREDIENTS:.....90Z
- TOTAL 100Z**

EPA REG. No.  
EPA EST. No.

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

See side panel for additional precautionary and practical treatment statements.

ACCEPTED  
with COMMENTS  
by EPA Letter Dated:

**MAY 23 1991**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registration file No. 146-519-1

provides sanitizing, disinfecting and deodorizing in Hospitals, Hotels, Motels, Schools and other institutions. When used as recommended, it is effective as a sanitizer against Escherichia coli and Staphylococcus aureus; and as a disinfectant against Staphylococcus aureus, Salmonella choleraesuis and Pseudomonas aeruginosa.

**DISINFECTION**-At 3 ounces per 5 gallon dilution, exhibits effective disinfectant activity against the organisms: Salmonella choleraesuis and Staphylococcus Aureus.

At 1 1/2 ounces per 5 gallons dilution, is an acceptable hospital disinfectant and demonstrates disinfectant activity against Pseudomonas aeruginosa.

**Virucidal Activity\***

This product when used on environmental, inanimate hard surfaces at 1 1/2 ounces per 5 gallons of water is effective against Influenza A<sub>2</sub> (representative of the flu virus), Herpes simplex (causative agent of blisters and mononucleosis), Adenovirus Type 2 (causative agent of upper respiratory infections), and Vaccinia Virus (representative of the pox virus group).

Efficacy tests have demonstrated that is an effective bactericide, and virucide\* in the presence of organic soil (5% blood serum).

**DEODORIZATION**- deodorizes those area which generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, pet areas and any other areas which are prone to odors caused by microorganisms.

**Mold and Mildewstain**- prevents and controls mold and mildew and the odors they cause on hard non-porous inanimate surfaces.

**SANITIZATION**- When used for sanitization of previously cleaned food equipment or food contact items limit active quaternaries to 200ppm.

is an effective sanitizer when diluted in water up to 750ppm hardness (CaCO<sub>3</sub>).

**STORAGE AND DISPOSAL**

- DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL
- OPEN DUMPING IS PROHIBITED
- DO NOT REUSE EMPTY CONTAINER

**PESTICIDE DISPOSAL**- Pesticides that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide or buried in a safe place.

**CONTAINER DISPOSAL**-Triple rinse (or equivalent) and dispose in an incinerator or landfill approved for pesticide containers, or bury in a safe place.

**BEST AVAILABLE COPY**