

61178-6

07/06/2001

1/9

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

EPA Reg. Number:

61178-6

Date of Issuance:

JUL 06 2001

NOTICE OF PESTICIDE:
X Registration
Reregistration

(Under FIFRA, as amended)

Term of Issuance:

CONDITIONAL

Name of Pesticide Product:

D-128

Name and Address of Registrant (include ZIP Code):

Microgen, Inc.
33 Clinton Road, Suite 102
West Caldwell, NJ 07006

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.

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.

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 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. Add the phrase EPA Registration Number "EPA Reg. No. 61178-6".

Signature of Approving Official:

DHE

Velma Noble
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Date:

JUL 06 2001

EPA Form 8570-6

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE, containing handwritten entries: SYMBOL 7510c, SURNAME S. [unclear], DATE 7/5/01.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

page 2  
EPA Reg. No. 61178-6

3. Revise the "Barber and Beauty Shop Instruments and Tools" by revising the following phrase "...wipe dry the instrument or tool as appropriate..."

4. Replace the last sentence of the sanitization directions to read as follows "Prepare a fresh solution at least daily or when solution is visibly diluted or soiled."

5. In the second section of the right panel number 2 the statement must end as follows "...potential for transmission of HBV (Hepatitis B Virus) or Human Immunodeficiency Virus Type 1 HIV-1 (AIDS virus)."

6. On the same panel revise the directions for "Contact Time" to read: "The contact time for all other viruses, fungi, and bacteria..."

7. Revise the label on page 5 to read "Mix each packet with 1 gallon of water."

8. On the right panel number 1 make the following revisions. Begin the first section as follows: "This product is for use in hospitals in the following areas as a...janitorial rooms." The next statement must begin "In addition this product may be used in nursing homes, doctor's offices..."

9. Revise your label such that the section beginning: "This product is not to be used as a terminal sterilant/high-level disinfectant on any..." and ending "...prior to sterilization or high-level disinfection." is placed immediately before the directions for use of this product as a disinfectant.

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. Submit one (1) copy of the final printed label prior to the release of the product for shipment. If you have any questions concerning this letter, please contact Tracy Lantz at (703) 308-6415.

Sincerely,

DHE

Velma Noble  
Product Manager 31

Regulatory Management Branch 1  
Antimicrobial Division (7510C)

SYMBOL	Enclosure (stamped label)						
SURNAME	7510C:T.Lantz:7/5/01:61178-6						
DATE							

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if absorbed through skin. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles or face shield or safety glasses). Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**STATEMENT OF PRACTICAL TREATMENT - 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.

**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 or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional medical advice, call the following emergency phone number: 000-000-0000.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

(If the container is 5 gallons or larger the following statement must appear on the label)

**ENVIRONMENTAL HAZARD**

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**D-128**

DISINFECTANT, SANITIZER, VIRUCIDE, FUNGICIDE, DETERGENT, MILDEWSTAT, DEODORIZER, CLEANER

BROAD SPECTRUM DISINFECTANT, HOSPITAL DISINFECTANT, ANTIMICROBIAL, HOSPITAL VIRUCIDAL DISINFECTANT, GERMICIDAL, GERMICIDE, GERMICIDAL CLEANER, BROAD SPECTRUM CLEANER & DISINFECTANT, ANTIBACTERIAL, CLEANS AS IT DISINFECTS, BACTERICIDE, HIV & HBV VIRUCIDE, KILLS COMMON HOUSEHOLD GERMS, CLAIMS AGAINST 110+ ORGANISMS, REDEFINING CLEAN, CONTAINS D-128 BRAND HOSPITAL DISINFECTANT FORMULA EXCLUSIVELY FROM MICROGEN, INC.

**ACTIVE INGREDIENTS**

Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>18</sub>, 5% C<sub>12</sub>) dimethyl benzyl ammonium chloride..... 4.75%  
Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl ethylbenzyl ammonium chloride .....4.75%

**INERT INGREDIENTS**..... 90.50%

**TOTAL** .....100.00%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

**Microgen Inc.**

33 Clinton Road Suite 102  
West Caldwell, NJ 07006  
Toll Free: 1-800-420-7522  
Voice: 1-973-575-9025  
Fax: 1-973-575-9075

EPA Reg. No. 61178 - A  
EPA Est. No. Varies  
NET CONTENTS: Varies

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 61178-6

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUL - 6 2001

(If the container is greater than one gallon use the following storage and disposal statements)

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal.

**PESTICIDE STORAGE-** Do not store on side. Avoid creasing or impacting of side walls. Store in securely closed original container. Avoid storage at temperature extremes or in sunlight. Avoid shipping or storing below freezing. If product freezes, thaw at room temperature and shake gently to remix components. Use locked storage in an area that will prevent cross-contamination of other pesticides, fertilizer, food and feed. Store in locked area inaccessible to children

**PESTICIDE DISPOSAL -** 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 Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL -**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. In addition, plastic containers may be disposed of by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

(If container is one gallon or less use the following storage and disposal statements)

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal

Store in original container in areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container.

Replace cap, wrap and discard container in trash (or recycle).

b/p

**RIGHT PANEL-NUMBER 1**

**DIRECTIONS FOR USE**

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

To be used in hospitals in the following areas as a disinfectant, virucide, fungicide, cleaner, deodorizer, mildewstat and/or non-food contact surface sanitizer: operating rooms, patient care rooms & facilities, recovery, anesthesia, ER, radiology, X-ray cat labs, newborn nurseries, orthopedics, respiratory therapy, surgi-centers, labs, blood collection rooms, central supply, housekeeping & janitorial rooms, nursing homes, doctor's offices & labs, dentists offices & labs (dental operatories).

This product is not to be used as a terminal sterilant/high-level disinfectant on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

In addition, this product may be used as a disinfectant, virucide, fungicide, cleaner, deodorizer, mildewstat and/or non-food contact surface sanitizer in Mortuaries, Cosmetic Manufacturing Facilities, Medical Device Manufacturing Facilities, Biotechnology Firms, Shipping Terminals, Police Stations, Bus Stations, Train Stations, Laundromats, Trucks, Photocopier Centers, Exercise Rooms, Museums, Art Galleries, Bicycle Shops, Computer Manufacturing Sites, Post Offices, Performance/Theater Centers, Banks, Libraries, Recycling Centers, Toy Factories, Gift Shops, Tattoo Parlors, Gyms, Gymnasiums, Tanning Spas, Massage/Facial Salons, Hair/Nail Salons, Video Centers, Public Transportation, Physician Offices, EMS & Fire Facilities, Pharmaceutical Manufacturing Facilities, Auto Repair Centers, Cruise Lines, Airlines Terminals, Log Cabins, Coffee Shops, Department Stores, Retail Stores, Bagel Stores, Court Houses, Municipal Government Buildings, Colleges, Universities, Community Colleges, Campgrounds, Travel Rest Areas, Recreational Facilities, Sports Arenas, Donut Shops, Boats/Ships, Hotels/Motels, Dormitories, Movie Houses, Pizza Parlors, Life care Retirement Communities, Hospices, Book Stores, Convenient Stores, Liquor Stores, Day Care Centers, Acute Care Institutions, Alternate Care Institutions, Home Health Care Institutions, Food Establishments, Shopping Malls, Churches, Picnic Facilities, Schools, Barber/Beauty Shops, Salons, Health Clubs, Spas, Sick Rooms, Rest Rooms, Shower Rooms, Shower Stalls, Bathrooms, Veterinary Clinics, Restaurants, Cafeterias, Bars, Meat/Poultry/Food Processing Plants, Meat/Poultry Producing Establishments, Dairies, Farms, Poultry Houses, Swine Farms, Dog/Cat Animal Kennels, Airplanes, Industries and Homes.

This product can be used to disinfect, sanitize, clean, and/or deodorize, the following inanimate, hard, non-porous nonfood environmental surfaces: walls, floors, sink tops, toilet bowls, table tops, counters, countertops, barber shop instruments and tools, appliances, tables, chairs, benches, telephones, chair arms, bed frames, cabinets, bathtubs, and urinals.

**MEAT/POULTRY/FOOD PROCESSING PLANTS:** Do not use on food contact/processing surfaces or before using this product, food products and packaging materials must be removed from the room or carefully protected. After use, all food contact surfaces in the area must be thoroughly rinsed with potable water. This product may be used in inedible product processing areas, nonprocessing areas and/or exterior areas without a rinse.

**RESTAURANTS, CAFETERIAS, BARS:** Use a potable rinse on the following specific food contact surfaces: counters, tables, picnic tables, appliances and/or stovetops. This product should not be used to disinfect or clean utensils, glassware, dishes and cookware.

**BOTTLE USE-DILUTION:** Remove outer cap. While holding bottle by the neck, twist off inner cap and discard. Replace outer cap loosely. Gently squeeze the lower chamber until the upper reservoir is filled to the desired level. Use at a dilution of 1:128 (1 ounce per gallon of water).

**DISINFECTION:**

Add one ounce of this product per gallon of water. Remove gross filth or heavy soil. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a cloth, mop, sponge or hand pump trigger sprayer such that all surfaces remain wet for 10 minutes. Let air dry. Prepare a fresh solution for each use. This product is effective in hard water up to 300 ppm hardness (calculated as CaCO<sub>3</sub>) and in the presence of organic soil (5% blood serum).

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
JUL - 6 2001

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
registered under EPA Reg. No. 61178-6

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## RIGHT PANEL-NUMBER 2

**DISINFECT TOILET BOWLS:** Flush toilet and add 1 ounce of this product directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush.

**DISINFECTION OF BARBER AND BEAUTY SHOP INSTRUMENTS & TOOLS:** Thoroughly preclean. Completely immerse brushes, combs, scissors, clipper blades, razors, tweezers, manicure and other shop tools for 10 minutes (or longer as required by local authorities). Fresh solution should be prepared daily or more often when the solution becomes diluted or soiled. After disinfection, wipe dry the product as appropriate. **NOTE:** Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried, and kept in a clean, noncontaminated receptacle. Prolonged soaking may cause damage to metal instruments.

**SANITIZATION - NON-FOOD CONTACT SURFACES:** Remove all gross filth or heavy soil prior to applying sanitizing solution. To sanitize walls, floors and other hard, nonporous surfaces in such areas as schools, institutions, and industries, use a mop, cloth or immerse item in a solution containing 1 ounce per gallon so as to wet all surfaces thoroughly for 1 minute. Drain or air dry. Prepare a fresh solution daily or when solution gets visible dirty.

**MILDEWSTAT** - Thoroughly clean surfaces prior to treatment. To control mold and mildew on pre-cleaned, hard, non-porous surfaces (such as floors, walls, table tops) add 1 ounce of this product per gallon of water. Apply solution with a cloth, mop, or sponge making sure to wet all surfaces completely. Let air dry. Prepare fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

**FUNGICIDE** - At 1 ounce per gallon, this product is effective against the pathogenic fungus *Trichophyton mentagrophytes* in 5% organic soil. **Contact time - 10 minutes.** Surfaces where this fungus is found: shower areas & stalls, bathroom floors, bathroom benches.

**CLEANING AND DEODORIZATION** - This product deodorizes garbage storage areas, empty garbage bins and cans, toilet bowls and any other odor-causing areas. Mix 1 ounce per gallon of water and apply solution to surfaces. Be sure to thoroughly wet surfaces, allow to air dry.

**VIRUCIDAL\*:** When used on inanimate, hard, non-porous, environmental surfaces at 1 ounce per gallon of water for a 10 minute contact time (5% organic soil), except for Poliovirus type 1 (Chat strain): which requires a 30 minute contact time (5% organic soil) and HIV-1 which requires only a 30 second contact time. **FOR CALIFORNIA USE ONLY:** HBV contact time is 15 minutes

**\*KILLS HBV AND HIV-1 ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of HBV (Hepatitis B Virus) or HIV-1 (AIDS virus).

### SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HBV AND HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

**PERSONAL PROTECTION:** Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks or eye coverings.

**CLEANING PROCEDURE:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

**DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to Federal, State and local regulations for infectious waste disposal.

**CONTACT TIME:** Leave surfaces wet for 30 seconds for HIV-1 and 10 minutes for HBV. The contact time for the viruses, fungi and bacteria listed on this label is 10 minutes except for Polio virus Type 1 (Chat strain) which is 30 minutes. **FOR CALIFORNIA USE ONLY:** HBV contact time is 15 minutes.

ACCEPTED  
with COMMENTS  
in EPA Letter dated  
JUL - 6 2001

Under the Federal Insect  
Fungicide and Rodenticide  
Act, this product is  
registered under EPA Reg. No.

61178-6

**RIGHT PANEL-NUMBER 3**

**FOR POULTRY HOUSE DISINFECTANT USE**

1. Remove all poultry and feeds from premises, trucks, coops and crates.
2. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set or dried.
7. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

**FOR VETERINARY, DOG/CAT ANIMAL KENNEL, FARM PREMISE, SWINE FARM, DAIRY DISINFECTANT USE**

1. Remove all animals and feed from premise, vehicles, and enclosures.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals.
3. Empty all troughs, racks, and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap or detergent and rinse with water.
5. Saturate all surfaces with the recommended disinfecting solution for a period of 10 minutes.
6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure.
7. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried.
8. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

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

**JUL - 6 2001**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 611786

b/c

# ONE OUNCE PACKET LABEL TO BE USED WITH MASTER CONTAINER LABEL

MIX WITH 1 GALLON OF WATER

## D- 128

EPA REG. NO. 161178 -

EPA EST. NO

NET CONTENTS: ONE FLUID OZ.

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### ACTIVE INGREDIENTS

Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>18</sub>, 5% C<sub>12</sub>)  
dimethyl benzyl ammonium chloride..... 4.75%

Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
dimethyl ethylbenzyl ammonium chloride .....4.75%

INERT INGREDIENTS..... 90.50%

TOTAL .....100.00%

.....

### KEEP OUT OF REACH OF CHILDREN

### DANGER

SEE OUTER CONTAINER FOR PRECAUTIONARY STATEMENTS  
AND USE DIRECTIONS

**DISPOSAL** Do not reuse container. Wrap container and put in trash  
collection.

### Microgen Inc.

33 Clinton Road Suite 102

West Caldwell, NJ 07006

Toll Free: 1-800-420-7522

Voice: 1-973-575-9025

Fax: 1-973-575-9075

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

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Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
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registered under EPA Reg. No. 61178-6

7/9

## MICROORGANISMS LIST INSERT

This product is effective against the following microorganisms:  
Contact time is 10 minutes unless noted as below.

### Isolates From AIDS Patients

1. Aspergillus niger
2. Candida albicans
3. Cryptococcus neoformans
4. Pseudomonas aeruginosa
5. Staphylococcus aureus
6. Streptococcus pneumoniae

### Gram Positive Clinical Isolates

7. Enterococcus faecalis
8. Micrococcus luteus
9. Staphylococcus aureus
10. Staphylococcus aureus (Toxic shock)
11. Staphylococcus epidermidis
12. Staphylococcus saprophyticus
13. Streptococcus haemolyticus

### Gram Negative Clinical Isolates

14. Acinetobacter calcoaceticus var. anitratus
15. Acinetobacter calcoaceticus var. Iwoffii
16. Bordetella bronchiseptica
17. Brevundimonas dimunita
18. Burkholderia cepacia
19. Enterobacter agglomerans
20. Enterobacter cloacae
21. Enterobacter gergoviae
22. Enterobacter liquefaciens
23. Escherichia coli (Urinary)
24. Escherichia coli (Wound)
25. Flavobacterium meningosepticum
26. Hafnia alvei
27. Klebsiella oxytoca
28. Klebsiella pneumoniae
29. Morganella morganii
30. Proteus mirabilis
31. Proteus vulgaris
32. Pseudomonas aeruginosa
33. Pseudomonas fluorescens

34. Pseudomonas pseudomallei
35. Pseudomonas putida
36. Pseudomonas stutzeri
37. Serratia marcescens
38. Sphingomonas paucimobilis

### Other Bacteria

39. Actinobacillus pleuropneumoniae
40. Actinomyces pyogenes
41. Bacillus cereus
42. Brevibacterium ammoniagenes
43. Bordetella bronchiseptica
44. Burkholderia picketti
45. Campylobacter jejuni
46. Chryseomonas luteola
47. Corynebacterium pseudotuberculosis
48. Enterobacter aerogenes
49. Enterococcus faecium
50. Escherichia coli
51. Escherichia coli strain O157:H7
52. Escherichia vulneris
53. Listeria monocytogenes
54. Pasteurella haemolytica
55. Pseudomonas aeruginosa
56. Rhodococcus equi
57. Salmonella choleraesuis
58. Salmonella schottmuelleri
59. Salmonella typhi
60. Shigella dysenteriae
61. Staphylococcus auricularis
62. Staphylococcus capitis
63. Staphylococcus hominis
64. Staphylococcus simulans
65. Stenotrophomonas maltophilia
66. Streptococcus equi var. equi
67. Streptococcus equi var. zooepidermicus
68. Streptococcus pyogenes
69. Streptococcus salivarius
70. Yersinia enterocolitica

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### Pathogenic Fungi

71. *Trichophyton mentagrophytes*

### Environmental Fungi

72. *Aspergillus candidus*  
73. *Aspergillus niger*  
74. *Penicillium chermesinum*  
75. *Penicillium oxalicum*  
76. *Penicillium spinulosum*  
77. *Ulocladium sp.*

### Antibiotic Resistant Gram Negative Rods

78. *Pseudomonas aeruginosa* (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bactine Resistant)  
79. *Escherichia coli* (Sulfa, Tetracycline, Ampicillin and Penicillin Resistant)  
80. *Klebsiella oxytoca* (Sulfanilimide and Tetracycline Resistant)  
81. *Klebsiella pneumoniae* type 1 (Cephalothin, Ampicillin, Sulfa and Tetracycline Resistant)  
82. *Morganella morganii* (Penicillin and Tetracycline Resistant)  
83. *Enterobacter agglomerans* (Ampicillin and Sulfanilimide Resistant)

### Antibiotic Resistant Gram Positive Rods

84. *Enterococcus faecalis* (Vancomycin Resistant-VRE)  
85. *Staphylococcus aureus* (Methicillin-MRSA), Penicillin G, Ampicillin, Cefaeolin, Cefatoxime, Chloramphenicol, Ciprofloxacin, Clindimycin, Erythromycin, Oxacillin, Rifampin and Tetracycline Resistant)  
86. *Staphylococcus epidermidis* (Drug Resistant)

### Human Viruses

87. Adenovirus type 2  
88. Cytomegalovirus  
89. HBV (Hepatitis B Virus) FOR CALIFORNIA USE ONLY: HBV contact time is 15 minutes  
90. Herpes Simplex type 1 Virus  
91. Herpes Simplex type 2 Virus  
92. HIV-1 (AIDS Virus)  
93. Influenza A/Brazil Virus  
94. Influenza A/Victoria (H3N2) Virus  
95. Influenza A2-Asian Virus  
96. Influenza B Virus (Allen strain)  
97. Influenza C Virus (Taylor strain)  
98. Measles Virus  
99. Parainfluenza type 1  
100. Poliovirus type 1 (Chat strain) 30 minutes contact time  
101. Vaccinia Virus

### Non-Human Viruses

102. Avian Influenza/Turkey/Wisconsin Virus  
103. Canine Distemper Virus  
104. Canine Herpesvirus  
105. Equine Herpesvirus  
106. Equine Influenza  
107. Feline Calicivirus  
108. Feline Infectious Peritonitis  
109. Infectious Bovine Rhinotracheitis (IBR)  
110. Newcastle Disease Virus  
111. Porcine Parvovirus  
112. Porcine Respiratory & Reproductive Syndrome Virus (PRRSV)  
113. Porcine Rotavirus  
114. Pseudorabies Virus  
115. Transmissible Gastroenteritis (TGE)  
116. T1 bacteriophage  
117. T4 bacteriophage  
118. Vesicular Stomatitis Virus (VSV)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
JUL - 6 2001

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
an insecticide,  
registered under EPA Reg. No. 611 786