

61178-1

10/12/2000

4/15

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

OCT 12 2000

Subject: D-125  
EPA Registration No. 61178-1  
Amendment Date: 3/02/00  
EPA Receive Date: 4/19/00

Attention: Mr. Robert Prince

The amendment, referenced above, submitted in connection with registration under FIFRA, as amended, to update the label in response to the Agency letter dated February 2, 2000 is acceptable provided you address the following comments before you release this product for shipment.

Based on the submitted information, Spectrum HBV is an alternate brand name for D-125 that is utilized by one of your company's distributors. Spectrum HBV's formulation is the same as D-125. Therefore, the study, MRID 448931-01, is acceptable. You may claim disinfection against *Enterococcus faecium*.

On page 3, the "Storage and Disposal" instructions will need to be revised by placing the heading, **STORAGE**, immediately below the statement, "Do not contaminate water, food, or feed by storage or disposal." The section should reflect the following:

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

#### **STORAGE**

Do not store on side. Avoid creasing or impacting of side walls. Store securely in 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.

**If container is 1 gallon or less, the above storage statements may be used.**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

2/15

On page 4, the first phrase in the first paragraph should be revised by stating "To be used in hospitals in the following areas as a disinfectant." Also, the first phrase in the third paragraph should be revised to state "In addition, this product may be used as a disinfectant in..."

On page 4, under the Meat/Poultry/Food Processing Plants directions, revise the second to last statement to state "After use, all food contact surfaces in the area must be thoroughly rinsed with potable water."

On page 8, the first phrase in the first paragraph should be revised by stating "to be used in the following areas as a food contact sanitizer."

Please Note: On April 11, 2000, the Agency published PR Notice 2000-3, First Aid Statements for Pesticide Product Labels. You will need to revise your "Statements of Practical Treatment" accordingly. It is the Agency's goal to have all the product labels revised by October 1, 2001.

A stamped label is enclosed for your records. Please submit one copy of the final printed label to the Agency. If you have any questions regarding this letter, please contact Jacqueline Campbell at (703) 308-6416.

Sincerely,



Velma Noble  
Product Manager (31)  
Regulatory Management Branch I  
Antimicrobials Division (7510C)

CONCURRENCES							
SYMBOL	7520C						
SURNAME	Campbell						
DATE	10/5/00						

3/15

CENTER PANEL

D-125

BROAD SPECTRUM DISINFECTANT, HOSPITAL DISINFECTANT, ANTIMICROBIAL, BROAD SPECTRUM CLEANER & DISINFECTANT, GERMICIDAL, GERMICIDE, GERMICIDAL CLEANER, CLEANS AS IT DISINFECTS, ANTIBACTERIAL, BACTERICIDE, HIV & HBV VIRUCIDE, KILLS COMMON HOUSEHOLD GERMS, CARPET SANITIZER AGAINST ODOR CAUSING BACTERIA. CLAIMS AGAINST 110+ ORGANISMS.

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

ACTIVE INGREDIENTS:

Alkyl (60% C <sub>14</sub> , 30% C <sub>16</sub> , 5% C <sub>12</sub> , 5% C <sub>18</sub> ) dimethyl benzyl ammonium chloride . . .	2.25%
Alkyl (68% C <sub>12</sub> , 32% C <sub>14</sub> ) dimethyl ethylbenzyl ammonium chloride . . . . .	2.25%
INERT INGREDIENTS . . . . .	95.50%
TOTAL . . . . .	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS: Varies

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

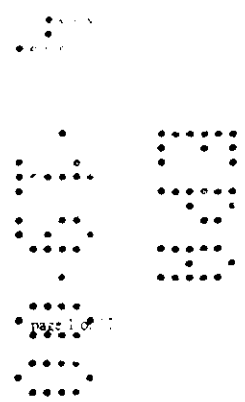
EPA Reg. No. 61178-1  
EPA Est. No. Varies

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 12 2006

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

61178-1



**LEFT PANEL- NUMBER 1**

4/15

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

**KEEP OUT OF REACH OF CHILDREN:** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothes. Harmful if swallowed. Wear goggles or face shield and rubber gloves when handling. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**STATEMENT OF PRACTICAL TREATMENT:** In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eye contacts, call a physician. Get medical attention, immediately. If swallowed, drink egg whites, gelatin solution or if these are not available drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

**ENVIRONMENTAL HAZARDS**

**If container is 5 gallons or more, the following statement must be used:**

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.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

Oct 12 2000

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

61178-1

**STORAGE and DISPOSAL**

**STORAGE**

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

**If container is 1 gallon or less, the above storage statements may be used.**

**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 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.

**If container is 1 gallon or less, the above pesticide disposal statements may be used.**

**CONTAINER DISPOSAL**

Triple rinse (or equivalent), then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

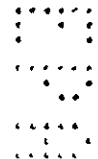
**If container is 1 gallon or less, the following statement may be used:** Do not reuse empty container. Replace cap and discard container in trash. Securely wrap original container in several layers of newspaper and discard in trash.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 12 2000

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

6478-1



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**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: 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 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, Tatoo 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, Lifecare 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 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 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.

ACCEPTED  
VIA COMMENTS

OCT 12 2006

6478-1

**RIGHT PANEL-NUMBER 2**

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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 1:64 (2 ounces per gallon of water or 16 ml per liter).

**DISINFECTION:**

Add two ounces D-125 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. D-125 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).

**DISINFECT TOILET BOWLS** Flush toilet and add 2 ounces D-125 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:**

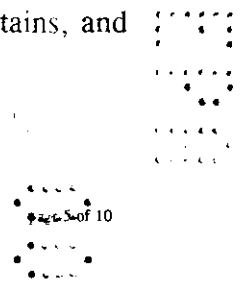
Thoroughly preclean. Completely immerse brushes, combs, scissors, clipper blades, razors, tweezers, manicure and other shop tools for 10 minutes (or longer as required by local authorities). Fresh solution should be prepared daily or more often when the solution becomes diluted or soiled. After disinfection, 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.

**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

OCT 12 2000



Unit No.  
Date  
Time  
Rate

61178-1

**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.

**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 2 ounces 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 2 ounces D-125 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.

**CLEANING AND DEODORIZATION** - D-125 deodorizes garbage storage areas, empty garbage bins and cans, toilet bowls and any other odor-causing areas. Mix 2 ounces per gallon of water and apply solution to surfaces. Be sure to thoroughly wet surfaces, allow to air dry.

**FUNGICIDE** - At 2 ounces per gallon, D-125 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.

ACCEPTED  
with 2 DISINFECTIONS  
OCT 12 2008

61178-1



9/15

**RIGHT PANEL-NUMBER 4**

**VIRUCIDAL\***: When used on inanimate, hard, non-porous, environmental surfaces at 2 ounces 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 PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in healthcare settings or other settings in which there is a likelihood of soiling 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.

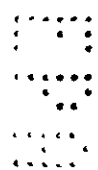
**CLEANING PROCEDURE**: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

**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:

OCT 12 2000



**RIGHT PANEL-NUMBER 5**

10/15

To be used in the following areas: 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, Lifecare 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, Homes, Schools, Institutions, Industries, Meat/Poultry/Food Processing Plants, Dairies, Bars, Restaurants and Cafeterias to sanitize hard, nonporous food contact surfaces as listed and identified below. Use a mop, sponge or cloth to apply sanitizing solution or immerse item in sanitizing solution. This product is an effective sanitizer when diluted in water up to 250 ppm hardness (CaCO<sub>3</sub>).

**SANITIZATION - FOOD CONTACT SURFACES: (glassware, utensils, cookware and dishware)**

- 1. Scrape and pre-wash utensil, glassware, cookware, and dishware.
- 2. Wash with a good detergent.
- 3. Rinse with potable water.
- 4. Sanitize in a solution of 4 oz. of product per 7 gallons of water (200 ppm active solution). Immerse all utensils for 1 minute or longer if specified by government sanitary code.
- 5. Place sanitized utensils on a rack or drain board to air dry. Do not rinse or wipe.

**SANITIZATION - FOOD CONTACT IMMOBILE SURFACES: (food processing equipment, counter tops, tables, picnic tables, appliances, stovetops and food work areas)**

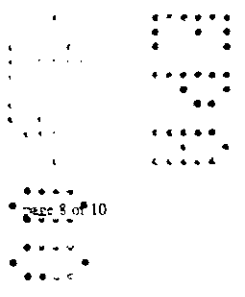
- 1. Remove all gross food particles and soil by pre-flush or pre-scrape.
- 2. Clean all surfaces thoroughly using a good detergent or cleaner. Tilt movable surfaces for proper drainage. Rinse with potable water.
- 3. Mix 4 oz. of product per 7 gallons of water (200 ppm active solution).
- 4. Wet surfaces thoroughly for 1 minute.
- 5. Let surfaces drain and air dry. Do not rinse or wipe.
- 6. Fresh sanitizing solution should be prepared daily or more often if solution becomes diluted or soiled.

For mechanical operations: The prepared use solution may be used once for sanitizing and re-used for other purposes such as cleaning.

ACCEPTED  
with COMMENTS  
M.D. A. U. C. Date:

OCT 12 2000

Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended for the pesticide,  
registered under EPA Reg. No. 61178-1



11/15

**CARPET SANITIZER AGAINST ODOR-CAUSING BACTERIA, FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE**

This product sanitizes the carpet by controlling/reducing the growth of odor-causing bacteria. It can be used in industrial and institutional areas such as homes, motels, hotel chains, nursing homes and hospitals.

Vacuum carpet thoroughly prior to application. Mix 1 ounce of product per gallon of water. Follow the Injection and/or Extraction procedures as specified for any conventional steam cleaning equipment you are using. For rotary floor machines, mix 2 ounces per gallon of water and spray on carpet at a rate of 300-500 sq. ft. per gallon.

For use on washable synthetic fibers. Do not use on wool. Test color fastness of carpet before use. Apply diluted product to a small concealed spot, then rub with a clean white cloth. If color changes or transfers to cloth, a water-based product should not be used.

After using the product, set carpet pile in one direction with a stiff brush. Place aluminum foil under the legs of furniture while carpet is drying. Over-wetting can cause carpet to shrink. Manufacturer assumes no responsibility for over-wetting misuse.

NOTE: This product should not be mixed with other cleaning products.

**LAUNDRY ADDITIVE (DISINFECTANT, RESIDUAL BACTERIOSTATIC AND RESIDUAL SELF SANITIZING ACTIVITY UNDER CONDITIONS OF HIGH RELATIVE HUMIDITY OR WET CONTAMINATION) AGAINST ODOR-CAUSING BACTERIA FOR INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE.**

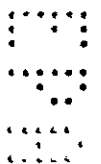
This product disinfects sanitizes laundry such as bedspreads, sheets, pillowcases, diapers, towels, and other wet linens by controlling and/or reducing the growth of odor-causing bacteria. It can be used in industrial and institutional areas such as motels, hotel chains, nursing homes and hospitals. This product is used as an addition to the final rinse cycle.

Add 8 fluid ounces of this product per 100 lbs. of dry laundry to the final rinse cycle water (200 ppm). If the product is to be diluted prior to adding it to the final rinse cycle, use 1 ounce per gallon of water and then add to the washwheel in the final rinse cycle.

ACCEPTED  
WITH COMMENTS

OCT 12 2000

UNITED STATES PATENT AND TRADEMARK OFFICE  
REGISTERED UNDER TRADEMARK ACT OF 1947  
61178-1



12/15

WATER DAMAGE RESTORATION

**SANITIZER AGAINST ODOR-CAUSING BACTERIA AND FUNGI FOR HOME, INSTITUTIONAL, INDUSTRIAL AND HOSPITAL USE**

This product is particularly suitable for use in water damage restoration situations to sanitize against odor causing bacteria on the following porous and semi-porous materials: carpets, carpet cushion, subfloors, drywall, trim and frame lumber, tackless strip and paneling. Using solutions recommended, saturate affected materials with enough product to remain wet for at least 10 minutes. Use proper ventilation.

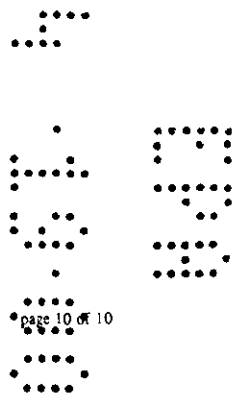
**Sewer Backup & River Flooding:** During mitigation procedures, dilute 2-4 ounces of the product per gallon of water allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil along with non-salvageable materials. Saturate all affected areas with a sprayer using a course spray tip, before and after cleaning and extraction.

**Carpets, Carpet Cushions and Other Porous Materials such as Subfloors, Drywall, Trim and Frame Lumber, Tackless Strip and Paneling:** For water damage from a clean water source, extract excess water. Test hidden area for colorfastness. Dilute 2-4 ounces of the product per gallon of water, allowing for the diluting effect of absorbed water within saturated materials. Remove gross filth or heavy soil. Apply directly with a sprayer using a course spray tip, to fully saturate affected materials. Roll, brush or agitate into the materials and allow the materials to remain damp for 10 minutes. Follow with a thorough extraction. Dry rapidly and thoroughly.

**Special Instructions for Cleaning/Sanitizing Carpet Against Odor Causing Bacteria:** The product may be used in industrial and institutional areas such as homes, motels, hotels, chains, nursing homes, schools and hospitals. For use on wet-cleanable synthetic fibers. Do not use on wool. Vacuum carpet thoroughly prior to cleaning/sanitizing. Test fabric for color fastness. For portable extraction units: Mix 1 ounce of the product per gallon of water. For truck mounted extraction machines: Mix 24 ounces of the product per gallon of water and meter at 4 gallons per hour. For rotary floor machines: Mix 2 ounces of the product per gallon of water and apply at the rate of 300-500 sq. ft. per gallon. Do not mix this product with other cleaning products. Follow the cleaning procedures specified by the manufacturer of the cleaning equipment. After using the product, set the carpet pile and protect the carpet from furniture legs and bases while drying. Do not over-wet. If applied to stain resistant nylon carpet, apply a fabric protector according to the carpet manufacturer's directions.

ACCEPTED WITH COMMENTS

OCT 12 2008



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MICROORGANISM 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

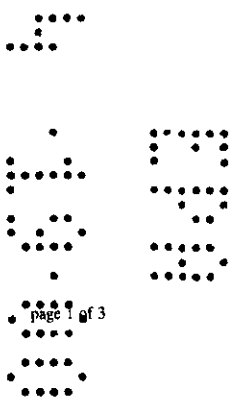
- 14 *Acinetobacter calcoaceticus* var. *anitratus*
- 15 *Acinetobacter calcoaceticus* var. *lwoffii*
- 16 *Bordetella bronchiseptica*
- 17 *Brevundimonas dimunita*
- 18 *Burkholderia cepacia*
- 19 *Enterobacter agglomerans*
- 20 *Enterobacter cloacae*
- 21 *Enterobacter gergoviae*
- 22 *Enterobacter 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*

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- 47 *Corynebacterium pseudotuberculosis*
- 48 *Enterobacter aerogenes*
- 49 *Enterococcus faecium*
- 50 *Escherichia coli*
- 51 *Escherichia coli* strain 0157: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*

**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**

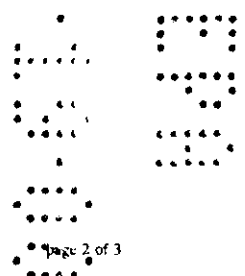
- 78 *Pseudomonas aeruginosa* (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bactine Resistant)
- 79 *Escherichia coli* (Sulfa, Tetracycline, Ampicillin and Penicillin Resistant)
- 80 *Klebsiella oxytoca* (Sulfanilimide and Tetracycline Resistant)
- 81 *Klebsiella 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)

ACCEPTED  
WNL COMMENTS

OCT 12 2000



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Human Viruses

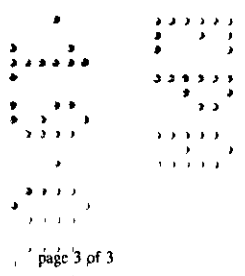
- 87 Adenovirus type 2
- 88 Cytomegalovirus
- 89 HBV (Hepatitis B Virus) FOR CALIFORNIA USE ONLY: HBV contact time is 15 minutes
- 90 Herpes Simplex type 1 Virus
- 91 Herpes Simplex type 2 Virus
- 92 HIV-1 (AIDS Virus)
- 93 Influenza A/Brazil Virus
- 94 Influenza A/Victoria (H3N2) Virus
- 95 Influenza 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

OCT 7 2000



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