

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 - 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 the 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 by 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: 800-255-3924

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

STORAGE AND DISPOSAL

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 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 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

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.

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: 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, 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 pre-clean 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 in Mortuaries, Biotechnology Firms, Police Stations, Museums, Post Offices, Banks, Libraries, Gift Shops, Gymnasiums, Physician Offices, EMS & Fire Facilities, Coffee Shops, Department Stores, Retail Stores, Colleges, Universities, Travel Rest Areas, Recreational Facilities, Sports Arenas, Hotels/ Motels, Dormitories, Movie Houses, Pizza Parlors, Hospices, Book Stores, Convenient Stores, Day Care Centers, Acute Care Institutions, Food Establishments, Churches, Schools, Health Clubs, Spas, Sick Rooms, Rest Rooms, Restaurants, Cafeterias, Meat/Poultry/Food Processing Plants 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,

3 HOUR EMERGENCY

MSDS

800-255-3924

CHEM-TEL

MEDICAL USE

HOSPITAL DISINFECTANT, BROAD SPECTRUM CLEANER & DISINFECTANT, HIV & HBV VIRUCIDE, KILLS COMMON HOUSEHOLD GERMS, CARPET SANITIZER AGAINST ODOR CAUSING BACTERIA, CLEANER, DISINFECTANT, SANITIZER, DETERGENT, FUNGICIDE, DEODORIZER, VIRUCIDE*, MILDEWSTAT

ACTIVE INGREDIENTS:

Alkyl (60 % C ₁₄ , 30 % C ₁₆ , 5 % C ₁₂ , 5 % C ₁₈)	
dimethyl benzyl ammonium chloride.....	2.25%
Alkyl (68 % C ₁₂ , 32 % C ₁₄)	
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

EPA Reg. No. 61178-1-73884

EPA Est. No. 8325-PA-01

NET CONTENTS: 1 gallon

Marketed By:

Fiberlock Technologies, Inc.

150 Dascomb Road, Andover, MA 01810

(800) 342-3755 • www.fiberlock.com

Leadership in Environmental BioScience Technology

tables, chairs, benches, telephones, chair arms, bed frames, cabinets, bathtubs, and urinals.

Meat/Poultry/Food Processing plants: 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.

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 manufacturers directions.

DISINFECTION:

Add two ounces of **Shock Wave** 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. **Shock Wave** is effective in hard water up to 300 ppm hardness (calculated as CaCO3) and in the presence of organic soil (5 % blood serum).

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 **Shock Wave** 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 – Shock Wave 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, **Shock Wave** 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.

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.

***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.

To be used in the following areas as a food contact sanitizer: Coffee Shops, Bagel Stores, Colleges, Universities, Recreational Facilities, Donut Shops, Hotels/Motels, Pizza Parlors, Hospices, Convenient Stores, Day Care Centers, Acute Care Institutions, Food Establishments, Churches, Picnic Facilities, Homes, Schools, Institutions, Industries, Meat/Poultry/Food Processing Plants, 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 (CaCO3).

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.

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 waterbased 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.

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

Isolates From AIDS Patients: *Aspergillus niger*, *Candida albicans*, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Streptococcus pneumoniae*

Gram Positive Clinical Isolates: *Enterococcus faecalis*, *Staphylococcus aureus*, *Staphylococcus aureus* (Toxic shock), *Staphylococcus epidermidis*,

Gram Negative Clinical Isolates: *Burkholderia cepacia*, *Enterobacter cloacae*, *Escherichia coli* (Urinary), *Escherichia coli* (Wound), *Klebsiella pneumoniae*, *Proteus mirabilis*, *Proteus vulgaris*, *Pseudomonas aeruginosa*,

Other Bacteria: *Bacillus cereus*, *Brevibacterium ammoniagenes*, *Bordetella bronchiseptica*, *Burkholderia pickettii*, *Campylobacter jejuni*, *Corynebacterium pseudotuberculosis*, *Enterobacter aerogenes*, *Enterococcus faecium*, *Escherichia coli*, *Escherichia coli* strain 0157:H7, *Listeria monocytogenes*, *Pasteurella haemolytica*, *Salmonella schottmuelleri*, *Salmonella typhi*, *Shigella dysenteriae*, *Staphylococcus capitis*, *Staphylococcus hominis*, *Staphylococcus simulans*, *Streptococcus pyogenes*,

Pathogenic Fungi: *Trichophyton mentagrophytes*

Environmental Fungi: *Aspergillus candidus*, *Aspergillus niger*, *Penicillium chermesinum*, *Penicillium oxalicum*, *Penicillium spinulosum*, *Ulocladum sp.*

Antibiotic Resistant Gram Negative Rods: *Pseudomonas aeruginosa* (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bacine Resistant), *Escherichia coli* (Sulfa, Tetracycline, Ampicillin and Penicillin Resistant)

Antibiotic Resistant Gram Positive Rods: *Enterococcus faecalis* (Vancomycin Resistant-VRE), *Staphylococcus aureus* (Methicillin-MRSA), *Penicillin G*, *Ampicillin*, *Cefazolin*, *Cefatixime*, *Chlramphenicol*, *Ciprofloxacin*, *Clindimycin*, *Erythromycin*, *Oxacillin*, *Rifampin* and *Tetracycline Resistant*), *Staphylococcus epidermidis* (Drug Resistant)

Human Viruses: *Adenovirus* type 2, *Cytomegalovirus*, *HBV* (Hepatitis B Virus) *Herpes Simplex* type 1 *Herpes Simplex* type 2 *Varicella*, *HIV-1* (AIDS Virus), *Influenza A/Brazil Virus*, *Influenza A/Victoria* (H3N2) *Virus*, *Influenza A2-Asian Virus*, *Influenza B Virus* (Allen strain), *Influenza C Virus* (Taylor strain), *Measles Virus*, *Parainfluenza* type 1, *Poliovirus* type 1 (Chat strain) 30 minutes contact time, *Vaccinia Virus*

Non-Human Viruses: *Avian Influenza/Turkey/Wisconsin Virus*, *Canine Distemper Virus*, *Canine Herpesvirus*, *Equine Herpesvirus*, *Equine Influenza*, *Feline Calicivirus*, *Feline Infectious Peritonitis*, *Infectious Bovine Rhinotracheitis* (IBR), *Newcastle Disease Virus*, *Porcine Parvovirus*, *Porcine Respiratory & Reproductive syndrome virus* (PRRSV), *Porcine Rotavirus*, *Pseudorabies Virus*, *Transmissible Gastroenteritis* (TGE), *T1 bacteriophage*, *T4 bacteriophage*, *Vesicular Stomatitis Virus* (VSV).



**READY-TO-USE
CLEANER-DISINFECTANT-VIRUCIDE
FUNGICIDE-MILDEWSTAT**

"The product in this container is diluted as directed on the original pesticide product label."

ACTIVE INGREDIENTS:

Alkyl (C₁₄ 60%, C₁₆ 30%, C₁₂ 5%, C₁₈ 5%)
dimethyl benzyl ammonium chloride..... 0.035%
Alkyl (C₁₂ 68%, C₁₄ 32%)
dimethyl ethylbenzyl ammonium chloride..... 0.035%

KEEP OUT OF REACH OF CHILDREN

DANGER: See back panel for additional
precautionary statements

EPA REG. NO. 61178-1-73884 EPA EST. NO. 8325-PA-01

NET CONTENTS: 32 fl oz (946 ml)

DIRECTIONS FOR USE

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

Follow the directions for use on the original pesticide label when applying this product.

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 contact, 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.

STORAGE and DISPOSAL

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.

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray, or mixture of rinsate is a violation of Federal Law. If these wastes cannot be disposed 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

Do not reuse container. Replace cap and discard container in trash. Securely wrap original container in several layers of newspaper and discard in trash.

FIBERLOCK TECHNOLOGIES

150 Dascomb Road
Andover MA, 01810-5873
800-342-3755



EFFICACY OVERVIEW

EPA Registration # 61178-1-73884

Revised Date: October 11, 2005

1 Acinetobacter calcoaceticus var anitratus	Gram negative clinical isolate	10 minutes
2 Acinetobacter calcoaceticus var lwoffii	Gram negative clinical isolate	10 minutes
3 Actinobacillus pleuropneumoniae	ATCC 27088	10 minutes
4 Actinomyces pyogenes	ATCC 19411	10 minutes
5 Adenovirus type 2	ATCC VR846	10 minutes
6 Aspergillus candidus	Environmental fungus	10 minutes
7 Aspergillus niger	Environmental fungus	10 minutes
8 Aspergillus niger	AIDS patient isolate	10 minutes
9 Avian Influenza/Turkey Wisconsin Virus	ATCC VR798	10 minutes
10 Bacillus cereus	ATCC 11778	10 minutes
11 Bacteroides fragilis	ATCC 43859	10 minutes
12 Bordetella bronchiseptica	Gram negative clinical isolate	10 minutes
13 Bordetella bronchiseptica	ATCC 19395	10 minutes
14 Bovine viral diarrhoea virus (BVDV)	X800 strain	10 minutes
15 Brevibacterium ammoniagenes	GBL strain	10 minutes
16 Brevundimonas diminuta	Gram negative clinical isolate	10 minutes
17 Burkholderia cepacia	Gram negative clinical isolate	10 minutes
18 Burkholderia pickettii	ATCC 49729	10 minutes
19 Campylobacter jejuni	ATCC 29428	10 minutes
20 Candida albicans	AIDS patient isolate	10 minutes
21 Canine Coronavirus	ATCC VR809, Strain 171	10 minutes
22 Canine Distemper Virus	Onderstepoort strain	10 minutes
23 Canine Herpesvirus	ATCC VR522	10 minutes
24 Chryseomonas luteola	ATCC 43273	10 minutes
25 Corynebacterium ammoniagenes	ATCC 6871	10 minutes
(Brevibacterium ammoniagenes)		
26 Corynebacterium pseudotuberculosis	ATCC 19410	10 minutes
27 Cryptococcus neoformans	AIDS patient isolate	10 minutes
28 Cytomegalovirus	ATCC VR284	10 minutes
29 Enterobacter aerogenes	ATCC 13048	1 Minute
30 Enterobacter agglomerans	Gram negative clinical isolate	10 minutes
31 Enterobacter agglomerans	Antibiotic resistant gram negative rod	10 minutes
32 Enterobacter cloacae	Gram negative clinical isolate	10 minutes
33 Enterobacter gergoviae	Gram negative clinical isolate	10 minutes
34 Enterobacter liquefaciens	Gram negative clinical isolate	10 minutes
35 Enterococcus aerogenes	GBL strain	10 minutes
36 Enterococcus faecalis	ATCC 17862 VANCOMYCIN resistant VRE Antibiotic resistant gram positive rod	10 minutes
37 Enterococcus faecalis	Gram positive clinical isolate	10 minutes
38 Enterococcus faecium	ATCC 6569	10 minutes
39 Enterococcus hirae	ATCC 10541	10 minutes
40 Equine Herpesvirus	ATCC VR700	10 minutes
41 Equine Influenza	Virus A ATCC VR297	10 minutes

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Revised Date: October 11, 2005

42 Escherichia vulneris	Wildtype isolate	10 minutes
43 Escherichia coli	GBL 101 strains	10 minutes
44 Escherichia coli	Antibiotic resistant gram negative rod	10 minutes
45 Escherichia coli (Urinary)	Gram negative clinical isolate	10 minutes
46 Escherichia coli (Wound)	Gram negative clinical isolate	10 minutes
47 Escherichia coli 0157:H7	ATCC 35150	10 minutes
48 Feline Calcivirus	Upjohn Company strain	10 minutes
49 Feline Infectious Peritonitis Virus	ATCC VR990	10 minutes
50 Flavobacterium meningosepticum	Gram negative clinical isolate	10 minutes
51 Haemophilus influenzae	ATCC 10211	10 minutes
52 Hafnia alvei	Gram negative clinical isolate	10 minutes
53 HCV (Hepatitis C Virus)	BVDV Surrogate	10 minutes
54 Herpes Simplex Virus type 1	ATCC VR260	30 seconds
55 Herpes Simplex Virus type 2	ATCC VR734	30 seconds
56 Human Coronavirus @ 98%	Organic Soil Load	10 minutes
	Tolerance/400 ppm Hard Water ATCC	
	VR740, Strain 229E	
57 Human Hepatitis B Virus (HBV)	New York Blood Center: Dr. Fred	10 minutes
	Prince's laboratory	
58 Human Immunodeficiency Virus	(HIV-1) AIDS Virus UMDNJ: Dr. James	30 seconds
	Oleske's laboratory	
59 Infectious Bovine Rhinotracheitis (IBR) Virus	ATCC VR188	10 minutes
60 Influenza A/Brazil (H1N1) Virus	New Jersey Department of Health strain	10 minutes
61 Influenza A/Victoria (H3N2) Virus	ATCC VR822, HoffmanLaRoche, Pool # 28	10 minutes
62 Influenza A2/Japan/305 (H2N2) Virus	ATCC VR100	10 minutes
63 Influenza B Virus	Allen strain VR102	10 minutes
64 Influenza C Virus	Taylor strain VR104	10 minutes
65 Klebsiella oxytoca	Gram negative clinical isolate	10 minutes
66 Klebsiella oxytoca	Antibiotic resistant gram negative rod	10 minutes
67 Klebsiella pneumoniae	Antibiotic resistant gram negative rod	10 minutes
68 Klebsiella pneumoniae	Gram negative clinical isolate	10 minutes
69 Klebsiella Pneumoniae type 1	ATCC 700603 Antibiotic resistant gram	10 minutes
	negative rod	
70 Klebsiella pneumoniae	ATCC 4352	10 minutes
71 Listeria monocytogenes	ATCC 984	10 minutes
72 Malessezia pachydermatis (~100% soil)	AMMRL (canine origin)	10 minutes
73 Measles Virus	ATCC VR24	30 seconds
74 Micrococcus luteus	Gram positive clinical isolate	10 minutes
75 Morganella morganii	Gram negative clinical isolate	10 minutes
76 Morganella morganii	Antibiotic resistant gram negative rod	10 minutes
77 Newcastle Disease Virus	ATCC VR109	10 minutes
78 Parainfluenza Virus type 1	ATCC VR105	30 seconds
79 Pasteurella haemolyticus	ATCC 43823	10 minutes
80 Penicillium chermesinum	Environmental fungus	10 minutes
81 Penicillium oxalicum	Environmental fungus	5 minutes
82 Penicillium spinulosum	Environmental fungus	5 minutes
83 Poliovirus type 1	Chat strain	30 minutes

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Revised Date: October 11, 2005

84 Porcine Parvovirus	ATCC VR742	10 minutes
85 Porcine Respiratory & Reproductive Syndrome Virus	GBL strain	10 minutes
86 Porcine Rotavirus	ATCC VR893	10 minutes
87 Proteus mirabilis	Gram negative clinical isolate	10 minutes
88 Proteus vulgaris	Gram negative clinical isolate	10 minutes
89 Pseudomonas aeruginosa	AIDS patient isolate	10 minutes
90 Pseudomonas aeruginosa	Gram negative clinical isolate	10 minutes
91 Pseudomonas aeruginosa	ATCC 15442	10 minutes
92 Pseudomonas aeruginosa Multiple (8)	Antibiotic resistant gram negative rods	10 minutes
93 Pseudomonas fluorescens	Gram negative clinical isolate	10 minutes
94 Pseudomonas pseudomallei	Gram negative clinical isolate	10 minutes
95 Pseudomonas putida	Gram negative clinical isolate	10 minutes
96 Pseudomonas stutzeri	Gram negative clinical isolate	10 minutes
97 Pseudorabies Virus	ATCC VR135	30 seconds
98 Respiratory Syncytial Virus (RSV)	ATCC VR26, Strain Long	10 minutes
99 Rhodococcus equi	ATCC 6939	10 minutes
100 Rotavirus Strain	WA ,obtained from the University of Ottawa, Canada	10 minutes
101 Salmonella choleraesuis @ 98% Organic Soil Load Tolerance/791 ppm Hard Water	ATCC 10708	10 minutes
102 Salmonella choleraesuis	ATCC 19214 Antibiotic resistant gram negative rod	10 minutes
103 Salmonella typhi	ATCC 6539	10 minutes
104 Salmonella schottmuelleri	GBL strain	10 minutes
105 Serratia marcescens	Gram negative clinical isolate	10 minutes
106 Shigella dysenteriae	GBL strain	10 minutes
107 Sphingomonas paucimobilis	Gram negative clinical isolate	10 minutes
108 Staphylococcus aureus @ 98% Organic Soil Load Tolerance/791 ppm Hard Water	Gram positive clinical isolate	10 minutes
109 Staphylococcus aureus	Toxic shock strain	10 minutes
110 Staphylococcus aureus	AIDS patient isolate	10 minutes
111 Staphylococcus aureus	ATCC 33591 METHICILLIN resistant	10 minutes
112 Staphylococcus aureus	ATCC 6338	10 minutes
113 Staphylococcus auricularis	ATCC 33753	10 minutes
114 Staphylococcus capitis	Clinical isolate	10 minutes
115 Staphylococcus epidermidis	Gram positive clinical isolate	10 minutes
116 Staphylococcus epidermidis	Antibiotic resistant gram positive isolate	10 minutes
117 Staphylococcus hominis	ATCC 29885	10 minutes
118 Staphylococcus saprophyticus	Gram positive clinical isolate	10 minutes
119 Staphylococcus simulans	ATCC 11631	10 minutes
120 Stenotrophomonas maltophilia	Clinical isolate	10 minutes
121 Streptococcus hemolyticus	Gram positive clinical isolate	10 minutes
122 Streptococcus equi var equi	ATCC 33398	10 minutes
123 Streptococcus equi var zooepidermicus	ATCC 43079	10 minutes

FIBERLOCK TECHNOLOGIES

150 Dascomb Road
Andover MA, 01810-5873
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EFFICACY OVERVIEW

EPA Registration # 611781

Revised Date: October 11, 2005

124 Streptococcus pneumoniae	AIDS patient isolate	10 minutes	
125 Streptococcus pneumoniae (PRSP)	ATCC 51915		10 minutes
126 Streptococcus pyogenes	ATCC 19615		10 minutes
127 Streptococcus pyogenes Bird M3	Clinical Isolate		10 minutes
128 Streptococcus salivarius	GBL strain		
129 T1 bacteriophage	ATCC 11303B1		10 minutes
130 T4 bacteriophage	ATCC 11303B4		10 minutes
131 Transmissible Gastroenteritis (TGE) Virus	ATCC VR763		10 minutes
132 Trichophyton mentagrophytes @ ~100 % Organic	ATCC 9533		10 minutes
Soil Load Tolerance/395 ppm Hard Water			
133 Ulocladium sp.	Environmental fungus		5 minutes
134 Vaccinia Virus	Hoffmann LaRoche, Pool 57		10 minutes
135 Vesicular Stomatitis Virus	GBL strain		10 minutes
136 Yersinia enterocolitica	ATCC 23715		10 minutes