

Fiberlock IAQ 2500 is designed specifically as a general, non-acid, ready-to-use, non-abrasive cleaner and disinfectant for use in homes, hospitals, nursing homes, patient rooms, operating rooms, ICU areas, shower rooms, locker rooms, public restrooms, schools, food processing plants, food service establishments, restaurants, commercial kitchens, transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail businesses, veterinary clinics, pet shops, animal life science laboratories and athlete/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross contamination. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, chrome, brass, copper, laminated surfaces, baked enamel surfaces, bathrooms, shower stalls, bathtubs, and cabinets. **For plastic and painted surfaces, spot test on an inconspicuous area before use.** May be used in the kitchen on counters, sinks, appliances, and stovetops. A rinse with potable water is required for surfaces in direct contact with food. In addition, Fiberlock IAQ 2500 deodorizes those areas that generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

DIRECTIONS FOR USE

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

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.

Fill or refill the 32 oz. Fiberlock IAQ 2500 spray bottle with Fiberlock IAQ 2500 refill. Pour product into spray bottle over sink or tub basin.

DISINFECTION, DEODORIZING AND CLEANING - Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and the surface to remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 **1 minute** and for HBV and HCV **5 minutes**). No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum.

To disinfect food processing premises: Before using Fiberlock IAQ 2500 food products and packaging materials must be removed or carefully protected. For floors, walls and storage areas, hold container six to eight inches from the surface to be treated and spray area until it is covered with the solution. Allow Fiberlock IAQ 2500 to penetrate and remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 **1 minute** and for HBV and HCV **5 minutes**). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product.

To disinfect food service establishment food contact surfaces: Before using Fiberlock IAQ 2500 food products and packaging materials must be removed or carefully protected. For countertops, appliances, tables, hold container six to eight inches from the surface to be treated and spray area until it is covered with the solution. Allow Fiberlock IAQ 2500 to penetrate and remain wet for **3 minutes** (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 **1 minute** and for HBV and HCV **5 minutes**). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product. Do not use on eating utensils, glassware and cookware.

Disinfection of animal quarters and kennels: Before using Fiberlock IAQ 2500, remove all animals and feed from premises. Remove all animals and feed from premises. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate the surfaces with the disinfecting solution for a period of **3 minutes** (for Bovine Viral Diarrhea Virus (BVDV) **5 minutes**) (for Feline Calicivirus and Rabies virus **30 seconds**) (for Canine Parvovirus **10 minutes**). Ventilate building and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact feed or drinking water must be rinsed with potable water before reuse.

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 5% blood serum and a **3 minute** contact time, unless otherwise noted, Fiberlock IAQ 2500 kills the

BACTERICIDAL ACTIVITY (BACTERIA):	
Pseudomonas aeruginosa, (ATCC 15442)	Listeria monocytogenes, (ATCC 35152)
Staphylococcus aureus, (ATCC 6538)	Yersinia enterocolitica, (ATCC 23715)
Salmonella (choleraesuis) enterica, (ATCC 10708)	Enterococcus faecium, (ATCC 6569)
Escherichia coli, (ATCC 11229)	Corynebacterium ammoniagenes, (ATCC 6871)
Escherichia coli O157:H7, (ATCC 43895)	Salmonella (typhi) enterica, (ATCC 6539)
Streptococcus pyogenes (Necrotizing Fasciitis-Group A) (V.A. Medical Center Isolate 04001)	

ANTIBIOTIC-RESISTANT (STRAINS OF) (ANTIBIOTIC-RESISTANT BACTERICIDAL ACTIVITY):
Methicillin resistant Staphylococcus aureus (MRSA), (ATCC 33593)
Vancomycin resistant Enterococcus faecalis (VRE), (ATCC 51575)
Vancomycin intermediate resistant Staphylococcus aureus (VISA), (CDC Isolate 99287)
Methicillin resistant Staphylococcus epidermidis (MRSE), (ATCC 51625)
Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA), (NRS 123) Genotype USA400
Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA), (NRS 384) Genotype USA300

following organisms on hard non-porous inanimate surfaces:

TUBERCULOCIDAL ACTIVITY – Fiberlock IAQ 2500 exhibits disinfectant efficacy against Mycobacterium tuberculosis BCG (Mycobacterium bovis) at 20 degrees Centigrade (20°C) when the treated surface is allowed to remain wet for **5 minutes**.

***VIRUCIDAL ACTIVITY** – Fiberlock IAQ 2500 kills on hard, non-porous inanimate surfaces when allowed to remain wet for a **10 minute** contact time against:

- Canine Parvovirus (ATCC VR-2017)
- Hepatitis A Virus (HAV) (University of Ottawa)
- Poliovirus Type 1 (ATCC VR-1000)

Fiberlock IAQ 2500 contains no phosphates or phosphorus.

- When used as directed, Fiberlock IAQ 2500 contains 2100 ppm of active germicide making it highly effective against a broad-spectrum of pathogenic microorganisms including bacteria, antibiotic resistant bacteria, viruses, fungi, mold and mildew.
- Fiberlock IAQ 2500 is a one-step hospital-use germicidal disinfectant, cleaner and deodorant odor-counteractant designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on hard, non-porous inanimate surfaces. Quickly removes dirt, grime, mold, mildew, food residue, blood and other organic matter commonly found in health care facilities. It also eliminates odors leaving surfaces smelling clean and fresh. Use where odors are a problem.
- **Cooling Coils Disinfectant Cleaner:** Fiberlock IAQ 2500 is a ready-to-use, non-abrasive, one-step disinfectant cleaner for small air conditioner, commercial air handling unit, HVAC cooling coils and refrigeration equipment, refrigerator, freezer evaporation coils. When using Fiberlock IAQ 2500 to disinfect and clean cooling coils, evaporation coils, disconnect power to the unit before applying product. **Follow directions under the DISINFECTION, DEODORIZING AND CLEANING section.**



2500

DISINFECTANT, CLEANER, FUNGICIDAL, MILDEWSTATIC, *VIRUCIDE, TUBERCULOCIDAL, DEODORIZER, BACTERICIDAL

ACTIVE INGREDIENTS:

n-Alkyl (60% C ₁₄ , 30% C ₁₆ , 5% C ₁₂ , 5% C ₁₈)	
dimethyl benzyl ammonium chlorides	0.105%
n-Alkyl (68% C ₁₂ , 32% C ₁₄)	
dimethyl ethylbenzyl ammonium chlorides	0.105%
INERT INGREDIENTS	99.790%
TOTAL	100.000%

KEEP OUT OF REACH OF CHILDREN CAUTION. See back panel for additional precautionary statements and first aid.

EPA REG. NO.1839-83-73884 EPA Est. No. 8325-PA-01
NET CONTENTS: 5 Gallons

Fiberlock IAQ 2500, when used on environmental, inanimate hard surfaces exhibits virucidal activity against: **Hepatitis B Virus (HBV)** (Hepadnavirus Testing, Inc.), **Hepatitis C Virus (HCV)** and **Bovine Viral Diarrhea Virus (BVDV) (NVSL)** when the treated surface is allowed to remain wet for **5 minutes**; **Human Coronavirus** (ATCC VR-740), **SARS associated Coronavirus** (ZeptoMetrix), **Avian Influenza A strain H3N2** (ATCC VR-2072) and **Avian Influenza A strain H9N2** (Charles River Laboratories) (Avian Influenza strains H3N2 and H9N2) for **2 minutes**; **Paramyxovirus** (Mumps) (ATCC VR-1438), **Rhinovirus type 39** (ATCC VR-340) and **Rotavirus** (University of Ottawa) for **3 minutes**; **HIV-1 (associated with AIDS)** (Advanced Biotechnologies, Inc.) for **1 minute (60 seconds)**; and **Norovirus (Norwalk virus)**, **Feline Calicivirus** (University of Ottawa) and **Rabies Virus** (CDC) for **30 seconds**.

KILLS HIV-1, HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS 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 Human Immunodeficiency Virus Type 1 (HIV-1), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, and eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

CONTACT TIME: Allow surface to remain wet for HBV and HCV **5 minutes**, for HIV-1 **1 minute**. **These contact times will not control other common types of viruses and bacteria.**

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body fluids must be autoclaved and disposed of according to local regulations for infectious waste disposal.

FUNGICIDAL ACTIVITY – Fiberlock IAQ 2500 is fungicidal against the pathogenic fungus, Trichophyton mentagrophytes, when used with a 10 minute contact time on clean, non-porous, hard surfaces as found in bathrooms, shower stalls, locker rooms, or other areas commonly contacted by bare feet.

EFFICACY TESTS HAVE DEMONSTRATED THAT Fiberlock IAQ 2500 IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

MILDEWSTAT - To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

KEEP OUT OF REACH OF CHILDREN. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

FIRST AID
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. 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.
NOTE TO PHYSICIAN
Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

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 to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

PESTICIDE STORAGE - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

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 – Nonrefillable container. Do not reuse or refill container. Clean container promptly after emptying.
Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill. Container disposal for Refill Spray Bottle: Do not reuse empty spray bottle except with refill bottle, otherwise discard in trash. Do not reuse empty refill bottle. Wrap refill bottle and discard in trash. Offer for recycling or reconditioning, if available.

8325-5



WARNING/AVISO
CHILDREN CAN FALL INTO BUCKET AND DROWN. KEEP CHILDREN AWAY FROM BUCKETS WITH EVEN A SMALL AMOUNT OF LIQUID
LOS NIÑOS CORREN PELIGRO DE CAERSE DENTRO DEL BALDE Y AHOGARSE
MANTENER A LOS NIÑOS LEJOS DE LOS BALDES, INCLUSO CUANDO SOLO TENGANUNA PEQUENA CANTIDAD DE LIQUIDO.

Marketed By:
Fiberlock Technologies, Inc.
Andover, MA 01810
(800) 342-3755
www.fiberlock.com

IAQ 2500™

Disinfectant & Fungicide

Product Description

Fiberlock IAQ 2500 is designed specifically as a general non-acid cleaner and disinfectant for use in homes, schools, office buildings, and retail businesses. It is formulated to disinfect hard, nonporous, inanimate environmental surfaces: floors, walls, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms and cabinets. For plastic and painted surfaces; spot test on an inconspicuous area before use. A rinse with potable water is required for surfaces in direct contact with food. EFFICACY TESTS HAVE DEMONSTRATED THAT FIBERLOCK IAQ 2500 IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE, IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).

8325-Clear Blue

Application Information

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

DISINFECTION AND CLEANING

Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and remain wet for 3 minutes. No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. Fiberlock IAQ 2500 will not leave grit or soap scum. Using approved AOAC test methods (under Good Laboratory Practices), in the presence of 5% blood serum and a 3 minute contact time, unless otherwise noted, this product kills the following organisms on hard non-porous inanimate surfaces.

BACTERICIDAL ACTIVITY

Pseudomonas aeruginosa, (ATCC 15442)
Staphylococcus aureus, (ATCC 6538)
Salmonella choleraesuis, (ATCC 10708)
Escherichia coli, (ATCC 11229) *Escherichia coli* 0157:H7, (ATCC 43895)

ANTIBIOTIC-RESISTANT BACTERICIDAL ACTIVITY: Methicillin resistant *Staphylococcus aureus* (MRSA), (ATCC 33593)
Van- comycin resistant *Enterococcus faecalis* (VRE), (ATCC 51575) Vancomycin intermediate resistant *Staphylococcus aureus* (VISA), (CDC Isolate 99287)

TUBERCULOCIDAL ACTIVITY

This product exhibits disinfectant efficacy against *Mycobacterium tuberculosis* (BCG) at 20°C when the treated surface is allowed to remain wet for 5 minutes.

VIRUCIDAL ACTIVITY

This product, when used on environmental, inanimate hard surfaces exhibits virucidal activity against Norwalk Virus, when the treated surface is allowed to remain wet for 30 seconds. This product, when used on environmental, inanimate hard surfaces exhibits virucidal activity against Human Coronavirus when the treated surface is allowed to remain wet for 2 minutes.

FUNGICIDAL ACTIVITY

Fiberlock IAQ 2500 is fungicidal against the pathogenic fungi *Trichophyton mentagrophytes* (Athlete's Foot Fungus) when used with a 10 minute contact time on clean, non-porous, hard surfaces as found in bathrooms, shower stalls, locker rooms, or other areas commonly contacted by bare feet.

MILDEWSTAT

To control mold and mildew on pre-cleaned, hard, nonporous surfaces spray surface to be treated with Fiberlock IAQ 2500, making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

FIRST AID

Have the product container or label with you when calling a poison control center doctor, or going for treatment. 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

Properties

Product Specifications

Active Ingredient:	Quaternary Ammonium Chloride
Color:	Clear Blue
Odor:	Fresh Linen
Foam:	0
Flash Point:	> 200°
pH:	11.7
Shelf Life:	36 Months Min. (Original Sealed Containers)

Product Testing

EPA Registration Number:	1839-83-73884
EPA Est. Number:	8405-MA-01

Available Package Sizes

5 gallon containers

Application Information

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.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

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 to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

Pesticide Storage: Store in a dry place no lower in temperature than 50°F or higher than 120°F. 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. 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.

Fiberlock Products and CPVC Compatibility

Manufacturers of chlorinated polyvinyl chloride ("CPVC") pipe believe that it can be sensitive to or incompatible with chemicals found in many commonly used household and industrial cleaning products, coatings, adhesives and other compounds, and that those chemicals can cause stress cracks or pipe failure. Fiberlock recommends that users always check pipe for markings that indicate the type of material it is made of and that users contact the pipe manufacturer directly before applying any Fiberlock products to CPVC pipe.

CAUTION!
KEEP OUT OF REACH OF CHILDREN.
HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS.
Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling. Close container after each use.
24 hour Emergency "CHEM-TEL" - 800.255.3924

For Technical Information call 800.342.3755

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither ICP Construction, Inc., nor its agents shall be responsible for the use or results of use of this product or any injury, loss or damage, direct or consequential. We recommend that the prospective user determine the suitability of this product for each specific project and for the health and safety of personnel working in the area.

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