

BIO-OXYGEN® CHEM DECON is a proven disinfectant¹, bactericide², virucide³, fungicide, food contact surface sanitizer⁴, and germicide. ***BACTERICIDAL:** *Staphylococcus aureus*, Methicillin-Resistant *Staphylococcus aureus* - MRSA, *Staphylococcus epidermidis*, *Salmonella enterica*, *Salmonella enterica* serovar Reading, *Pseudomonas aeruginosa*, *Klebsiella pneumoniae*, *Proteus mirabilis*, Vancomycin-Resistant *Enterococcus faecalis*, *Enterobacter aerogenes*, *Escherichia coli* (O157:H7), *Escherichia coli* (ESBL) and *Listeria monocytogenes*. **FUNGICIDAL:** *Trichophyton interdigitale* (Athlete's foot fungus), *Aspergillus brasiliensis* (formerly *Aspergillus niger*), *Penicillium* variants. ***VIRUCIDAL:** Feline Calicivirus, Influenza A Virus, Influenza B Virus, Norovirus, Human Coronavirus, Avian Influenza (H3N2) Virus, Avian Influenza (H5N1) Virus, Avian Influenza (H7N9) Virus, Porcine Epidemic Diarrhea Virus, and Porcine Respiratory & Reproductive Syndrome Virus. ***FOOD CONTACT SURFACE SANITIZATION:** *Escherichia coli*, *Staphylococcus aureus*. ***ALLERGENS:** pet dander allergens, cockroach matter allergens, dust allergens, and dust mite matter allergens.

Formulated for tough environments, **BIO-OXYGEN® CHEM DECON** effectively kills organisms on hard, nonporous surfaces in hospitals, homes, businesses, classrooms, restaurants, vehicles and barns. It may be included in a disinfection* or food contact surface sanitization* protocol. May be applied by foaming device, low-pressure spraying, and trigger spray.

BIO-OXYGEN® CHEM DECON is produced commercially using the formula licensed by Sandia National Laboratories.

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 for use on medical device surfaces.

MIXING DIRECTIONS – BIO-OXYGEN® CHEM DECON is a binary (two-part) system. PART A is a surfactant formulation; PART B is a hydrogen peroxide-based formulation. Thoroughly mix EQUAL VOLUMES of PART A and PART B. Apply the prepared mixture as a spray or in a foaming device onto surfaces as directed.

DISINFECTION/VIRUCIDAL /FUNGICIDAL DIRECTIONS:

Pre-clean visibly soiled areas. To disinfect hard, nonporous surfaces, apply the mixture until thoroughly wet and allow to remain visibly wet for 10 minutes. No scrubbing is necessary. The product will not leave grit.

MOLD REMOVAL: This product kills mold on hard nonporous surfaces. Pre-clean visibly soiled areas, then spray and wet surfaces with the prepared product mixture. The surface must remain wet for at least 10 minutes. Allow the surface to completely dry. Reapply as necessary.

GENERAL CLEANING: Prior to use on surfaces, remove visible soil, spray the prepared mixture onto the surface and allow to penetrate (about 2 minutes), and then clean thoroughly.

STAIN REMOVAL: Spray the prepared mixture liberally to coat surfaces and allow to remain wet for 30 minutes. Scrub surface with sponge to remove stains. Rinse treated area with water.

ALLERGEN® REMOVAL: To reduce specified allergens⁵, prepare mixture. Spray and wipe excess. Rinse. Allow to air dry.

DAMAGE RESTORATION [Not for use in CA]: Effective against odor caused by smoke and water damage. Mix PART A and PART B according to mixing instructions. Remove visible soil along with non-salvageable materials. Saturate all affected areas with a

mechanical spray device before and after cleaning and extraction. Spray 6-8 inches from the surface and allow surface to remain visibly wet for at least 10 minutes. Do not breathe spray. Use proper ventilation.

DEODORIZATION: BIO-OXYGEN® CHEM DECON is an effective deodorizer when applied to areas affected with odors. Always check fabric surfaces for colorfastness when applying. Remove visible soil. To eliminate odors, mix equal parts of PART A and PART B and apply to surfaces until they appear wet. Allow product to air dry.

SWIMMING POOL APPLICATIONS [Not for use in CA]: When used as directed, this product may be used as an algaecide to treat walls of swimming pools.

ALGAEKILLER USE [Not for use in CA] - After draining or before filling pool, spray, and scrub walls with the product. Allow to remain on surface for 30 minutes prior to rinsing.

FOOD CONTACT SURFACE SANITIZATION⁴: Prior to use in federally inspected meat and poultry food processing plants and dairies, food products and food packaging must be protected or removed from the room. Mix the product per the Mixing directions. Once mixed, the solution can be further diluted 1:5 by adding 1-part product solution to 4-parts water. Pre-clean all surfaces prior to sanitization. The prepared sanitizing solution may be applied by cloth, sponge, spray, soak, foaming device, or mopping to hard, nonporous surfaces. The solution must be reapplied if it dries out or becomes diluted by any liquid during the 1-minute contact time. A potable water rinse is required after application on food contact surfaces.

MANY THREATS. ONE SOLUTION.™



BIO-OXYGEN® CHEM DECON PART A

DISINFECTANT¹, VIRUCIDE³, CLEANER, FUNGICIDE, BACTERICIDE², FOOD CONTACT SURFACE SANITIZER⁴, AND DEODORIZER

ACTIVE INGREDIENT:

Alkyl (50% C14, 10% C16, 40% C12),

Dimethyl benzyl ammonium chlorides.....

3.2%

OTHER INGREDIENTS:

96.8%

TOTAL:

100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID

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 further treatment advice.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a 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.

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist. Wear protective eyewear such as goggles, face shield or safety glasses. Wear chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

See Side Panel for Additional Precautionary Statements

NET CONTENTS: ONE GALLON

DEODORIZATION FOR HVAC SYSTEMS DUCTWORK [Not for use in CA]: Properly mix PART A and PART B according to mixing instructions. Apply the mixture and let air dry to eliminate odors. When fogging to eliminate odors, apply 1 quart per 2000 cubic feet following fogger manufacturer's directions for use. If fogging, remove all people and animals from the area. Applicators must vacate area immediately following initiation of the fogging apparatus.

Prior to use of this product, remove all animals and feeds from areas to be treated, animal transportation vehicles, and enclosures. Remove all litter, droppings, and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, and other surfaces of facilities and fixtures occupied or traversed by animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

NON-PUBLIC HEALTH TREATMENT OF NONPOROUS ANIMAL DRINKING LINES [Not for use in CA]: Prior to use in animal drinking lines, remove all animals, livestock, and birds from the building. Animals, livestock, and birds may not be introduced until water lines have been treated and followed with a potable water rinse. Properly mix Bio-Oxygen® Chem Decon according to mixing instructions. Fill the

system by pumping or drawing the Bio-Oxygen® Chem Decon mixture through the system. The Bio-Oxygen® Chem Decon mixture must fill the lines. Make sure drinkers are working and trigger to ensure the Bio-Oxygen® Chem Decon mixture streams over the nipple. Surfaces must remain visibly wet for 10 minutes. Use a potable water rinse to thoroughly flush the system. This application is for non-public health uses only.

ANIMAL PREMISE DISINFECTION/VIRUCIDE³: Surfaces should be visibly clean prior to disinfection. Apply the prepared use-solution to disinfect hard, nonporous surfaces with a coarse spray. Apply product 6-8 inches from surface until thoroughly wet. Thoroughly spray hard, nonporous surfaces used in handling animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. Do not breathe spray. Treated surfaces must remain visibly wet for 10 minutes. Ventilate buildings, coops, and other closed spaces. Do not house animals or employ equipment until treatment has set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers and other treated equipment which can contact food or water with soap or detergent, and rinse with potable water before reuse.

STORAGE AND DISPOSAL

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

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 HANDLING

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container 1/4 full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Offer for recycling or reconditioning if available. If not available, discard in trash.

ENVIRONMENTAL HAZARDS

For small spills, flush with copious amounts of water.

Manufactured For: Artemis Bio-Solutions LLC.

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Questions? Call 630.359.4090

U.S. Patent No. 6,566,574 B1



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