Sterilex Ultra Disinfectant Cleaner Solution

For disinfectant and public health use sites, this is part one of a two-part product and must be used with Sterilex Ultra Activator Solution.

For biocide and non-public health use sites, the use of Sterilex Ultra Activator Solution may not be required.

Please consult the directions for use for specific instructions.

Active Ingredients:
- n-Allyl(C₈-H₁₀₂ 60%, C₆-H₁₂ 30%, C₄-H₆ 5%, C₂-H₄ 5%) dimethylenzalmonium chloride 3.00%
- n-Allyl(C₈-H₁₀₂ 68%, C₆-H₁₂ 32%) dimethylenzalmonium chloride 3.00%
- Hydrogen Peroxide 6.30%
- Inerts 87.70%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if ingested. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear protective clothing and rubber gloves when handling. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.

DIRECTIONS FOR USE - See Directions for Use Booklet

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

For disinfectant and public health use sites, this is part one of a two-part product and must be used with Sterilex Ultra Activator Solution. For biocide and non-public health use sites, the use of Sterilex Ultra Activator Solution may not be required.

Call 1-800-511-1659 for Technical Information

NET CONTENTS [15, 30, 55, 275, 305] GALLONS

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.

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 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.

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.

Call a Poison Control Center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor for going for treatment.

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

PHYSICAL AND CHEMICAL HAZARDS

When exposed to fire, Sterilex Ultra Disinfectant Cleaner Solution 1 may release oxygen and oxides of carbon and/or nitrogen.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep product in closed original container when not in use. Store in a cool area away from potential sources of heat, open flames, sunlight or other chemicals. Product should be stored below 80°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 this container. Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations. Triple rinse or pressure wash container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the containers on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank and collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Manufactured for:
Sterilex Corporation
11409 Cronhill Drive, Suite L
Owings Mills, MD 21117

EPA Reg. No.: 63761-B

Revision 03/09/2016
Sterilex Ultra Disinfectant Cleaner Solution 1
(EPA No. 63761-8)

DIRECTIONS FOR USE BOOKLET

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

For disinfectant and public health use sites, this is part one of a two-part product and must be used with Sterilex Ultra Activator Solution.
For Biocide and non-public health use sites, the use of Sterilex Ultra Activator Solution may not be required.
Please consult the directions for use for specific instructions.

DISINFECTION
Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution, is a one-step, hospital-use disinfectant at 12.8 fl. oz. (each, Solution 1 & Solution 2) per gallon of water (1:1:10), Bactericidal according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus 5% organic serum against:

Pseudomonas aeruginosa (Pseudomonas) (ATCC# 15442)
Staphylococcus aureus (Staph) (ATCC# 6538)
Staphylococcus aureus – Methicillin Resistant (MRSA) (ATCC#33591)
Salmonella enterica (Salmonella) (ATCC# 10708)
Escherichia coli O157:H7 (ATCC# 35150)
Listeria monocytogenes (ATCC# 19111)

SPOILAGE ORGANISM
Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution kills Zygosaccharomyces bailii on hard, inanimate surfaces in one step at 4 fl. oz. (each, Solution 1 & Solution 2) per gallon of water (1:1:32), according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus 5% organic serum. Apply as directed under disinfection.

VIRUS
Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution is effective against Avian Influenza A on hard, inanimate surfaces in one step at 2 fl. oz. (each, Solution 1 & Solution 2) per gallon of water (1:1:64), with a 5 minute contact time in the presence of 400 ppm hard water and organic soil. Apply as directed under disinfection.

FUNGISTAT/ MILDEWSTAT
Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution controls the growth of mold and mildew organisms (Aspergillus niger, ATCC#16404) and the odors they cause on hard, non-porous surfaces in one step at 12.8 fl. oz. (each, Solution 1 & Solution 2) per gallon of water (1:1:10) according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus 5% organic serum. Apply as directed under disinfection.

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution, is for use on washable hard, nonporous surfaces in: hospitals, medical and dental offices, nursing homes, health care facilities, ultrasonic baths (ultrasonic cleaning units), federally inspected food processing facilities, federally inspected meat and poultry plants, wineries, breweries, beverage manufacturing facilities, dairy farms, swine farms, poultry and turkey farms, farm premises, hatcheries, refrigerated trucks, kennels, pet animal quarters, zoos, pet shops, animal laboratories, veterinary facilities, animal care facilities, transportation terminals, hotels and motels, factories, business and office buildings, barber shops, salons, boats, ships, campers, trailers, mobile homes, homes, kitchens, bathrooms, household areas, cars, buses, trains, taxis, airplanes, restaurants, bars, cafeterias, institutional kitchens, food preparation and storage areas, convenience stores, food storage areas, public rest rooms, institutions, schools and colleges, athletic facilities, sports facilities, gym rooms, locker rooms, dressing rooms, shower and bath areas, exercise equipment, large, inflatable, non-porous plastic and rubber structures (animals, promotional items, moonwalk, slides, obstacle course play equipment, exercise equipment and wrestling mats).

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution, is for use on the following washable hard, nonporous surfaces:

Medical machines (x-ray, MRIs, CAT scanners), noncritical medical devices and equipment surfaces (that do not penetrate the body or contact the human bloodstream or mucous membranes);
Water reservoir tanks, water reservoir pipes, tanks, and piping systems used in food processing;
Steam sterilizer water reservoirs, steam sterilizer water reservoir tubing;
Floors, walls, countertops, stovetops, sinks, appliances, refrigerators (exteriors), plastic and other nonporous cutting boards and chopping blocks; coolers, ice cabinets, non residential refrigerator bins (exteriors) for meat, fruit, vegetable and egg; food processing equipment (k-pac equipment, injectors, slicers, knives, steel mesh gloves, deboners, saws, grinders, cutters, racks, dairy equipment, interlocking belts, outside surfaces of kitchen equipment, beer fermentation and holding tanks, brewery pasteurizers, wine fermentation tanks, beverage dispensing equipment, beverage transfer lines, bottling or premix dispensing equipment);
Drinking water coolers, ice making machines, transfer line tubing, water lines, watering systems, farm animal nipple drinkers;
Cabinets, highchairs, garbage cans, garbage storage areas, refrigerated storage and display equipment (exteriors), tables, picnic tables (non-wooden and finished/sealed or painted), outdoor furniture, chairs, desks, telephones, doorknobs, shower stalls, tubs and glazed tiles, whirlpool bathtubs, bathtubs, sinks, urinals, exterior toilet bowl surfaces, other bathroom fixtures;
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Kennel runs, cages, waterers and feeders, automatic feeders, hauling equipment, dressing plants, loading equipment, farrowing barns and related areas (nursery blocks, creep areas), chutes, feed racks, mangers, troughs, fountains and waterers, forks, shovels, scrapers, barns, pens, stalls, facilities and fixtures occupied or traversed by animals, hatchery areas (egg receiving and holding, setter room, tray dumping, chick holding, processing and loading), trays, buggies, racks, egg flats, poultry buildings, ceilings, sidewalks and floors, drinkers and other poultry house related equipment;

Coils and drain pans of air conditioning and refrigeration equipment and heat pumps, conducive flooring;

Nonporous salon/barber tools and instruments (combs, brushes, scissors, blades, pedicure and manicure instruments, pedicure and manicure tubes);

Hard nonporous surfaces, listed on this label, that are made of metal, stainless steel, glazed porcelain, glazed ceramic, sealed stone, hard fiberglass (bathtubs, tubs, shower stalls, and sinks), plastic (such as polystyrene, polypropylene), glazed porcelain tiling, enameled surfaces, finished sealed and painted woodwork, finished floors, Formica®, vinyl and plastic upholstery.

GENERAL CLEANING AND DISINFECTION (IN HOUSEHOLDS, ATHLETIC FACILITIES, REST ROOMS, VEHICLES, SCHOOLS/COLLEGES, PLAY AREAS, HOTELS/MOTELS, INSTITUTIONS):

APPLICATION INSTRUCTIONS:
1) Remove gross filth [soil] from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak
2) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.
3) Thoroughly wet surfaces with use-solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
4) Allow surfaces to remain wet for at least 10 minutes
5) Rinse all surfaces thoroughly with a potable water rinse.

PRECLEANING INSTRUCTIONS (OPTIONAL STEP):

Although Sterilex Ultra Disinfectant Cleaner Solution 1 provides one-step cleaning and disinfection, precleaning may be desired for some areas, articles and surfaces in certain cases.

1) Prepare a precleaning solution by adding 3 - 6 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and an equivalent amount of Sterilex Ultra Activator Solution to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth [soil] to be precleaned.
2) Clean surfaces with precleaning solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, immersing, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
3) Rinse all surfaces thoroughly with a potable water rinse.

FOR PRE-CLEANING OF WHIRLPOOL BATHTUBS:

Circulate a solution of 0.5 oz of Sterilex Ultra Disinfectant Cleaner Solution 1 and 0.5 oz of Sterilex Ultra Activator Solution per 1 gal. tap water through tub and associated piping and filters at a temperature ≥90°F. Solution should be circulated for a minimum of 10 minutes. Follow with a 10 minute potable water rinse after which the tub may be treated with additional products or refilled.

DISINFECTION IN HOSPITALS, MEDICAL OFFICES, DENTAL OFFICES, DENTAL OPERATORIES, NURSING HOMES AND OTHER HUMAN HEALTH CARE FACILITIES:

NOTE: 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.

APPLICATION INSTRUCTIONS:
1) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.
2) Thoroughly wet surfaces with use-solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
3) Allow surfaces to remain wet for at least 10 minutes
4) Rinse all surfaces thoroughly with a potable water rinse.

PRECLEANING INSTRUCTIONS (OPTIONAL STEP):

Although Sterilex Ultra Disinfectant Cleaner Solution 1 provides one-step cleaning and disinfection, precleaning may be desired for some surfaces in certain cases.

1) Prepare a precleaning solution by adding 3 - 6 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and an equivalent amount of Sterilex Ultra Activator Solution to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth to be precleaned.
2) Clean surfaces with precleaning solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, immersing, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
3) Rinse all surfaces thoroughly with a potable water rinse.
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INSTRUMENT PRE-SOAK:
For use as an instrument pre-soak, prepare a solution by adding 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir. Immerse instruments completely and allow to soak for 10 minutes. Rinse all surfaces thoroughly with a potable water rinse. Instruments must undergo high-level disinfection or sterilization following pre-soak treatment.

Disinfection in Ultrasonic Baths:
NOTE: Use Sterilex Ultra Disinfectant Cleaner Solution 1 to disinfect hard nonporous non-critical objects compatible with Ultrasonic Cleaning Units.

APPLICATION INSTRUCTIONS:
1) Pre-clean heavily soiled objects following the PRECLEANING INSTRUCTIONS below.
2) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.
3) Pour fresh use-solution directly into bath chamber.
4) Place objects into unit and operate for a minimum of 10 minutes, according to the manufacturer’s directions.
5) Remove objects and wash with sterile water (sterile water for injection) or allow to air dry.
6) Prepare fresh solution for each use.

PRECLEANING INSTRUCTIONS (OPTIONAL STEP):
Although Sterilex Ultra Disinfectant Cleaner Solution 1 provides one-step cleaning and disinfection, pre-cleaning may be desired for some surfaces in certain cases.
1) Prepare a pre-cleaning solution by adding 3 - 6 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and an equivalent amount of Sterilex Ultra Activator Solution to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth to be pre-cleaned.
2) Clean surfaces with pre-cleaning solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, immersing, pumping it through the system, or drawing it through the system.
3) Before disinfecting rinse all surfaces thoroughly with a potable water rinse.

DISINFECTION OF FOOD PROCESSING EQUIPMENT AND HARD SURFACES IN FOOD PROCESSING FACILITIES, BREWERIES, WINERIES AND OTHER BEVERAGE MANUFACTURING FACILITIES, RESTAURANTS, BARS, CAFETERIAS, INSTITUTIONAL KITCHENS, CONVENIENCE STORES FOOD PREPARATION AREAS, FOOD STORAGE AREAS AND FOOD SERVICE AREAS:

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution, is:
- Recommended for use in federally inspected meat and poultry plants and as a disinfectant in dressing plants;
- Formulated for effective swine premise sanitation;
- Formulated for effective farm premise use; and
- Provides optimal non-acid cleaning performance.

NOTE: Before use in federally inspected meat and poultry processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected. Follow all applicable local health and sanitation codes for sanitizing food processing equipment post-disinfection.

APPLICATION INSTRUCTIONS FOR SURFACES:
1) Remove gross food particles and soil from all articles using a pre-flush, or pre-scrake and, if necessary, presoak.
2) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.
3) Thoroughly wet surfaces with use-solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, immersing, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
4) Allow surfaces to remain wet for at least 10 minutes.
5) Rinse all surfaces thoroughly with a potable water rinse.

PRECLEANING INSTRUCTIONS (OPTIONAL STEP):
Although Sterilex Ultra Disinfectant Cleaner Solution 1 provides one-step cleaning and disinfection, pre-cleaning may be desired for some surfaces in certain cases.
1) Prepare a pre-cleaning solution by adding 3 - 6 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and an equivalent amount of Sterilex Ultra Activator Solution to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth to be pre-cleaned.
2) Clean surfaces with pre-cleaning solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, immersing, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
3) Before disinfecting rinse all surfaces thoroughly with a potable water rinse.

APPLICATION INSTRUCTIONS FOR TRANSFER LINES:
1) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.
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2) Introduce use solution into transfer lines and tanks.  
3) Soak or circulate use solution for at least 10 minutes.  
4) Drain transfer lines.  
5) Rinse all surfaces thoroughly with a potable water rinse.

DISINFECTION OF VETERINARY FACILITIES, ANIMAL CARE FACILITIES, ANIMAL LABORATORIES, ZOOS, PET SHOPS, KENNELS AND ANIMAL QUARTERS, FARM AND DAIRY FARM PREMISES, SWINE PREMISES, FARM AND DAIRY FARM PREMISES EQUIPMENT, SWINE PREMISE EQUIPMENT:

1) Remove all animals and feed from premises, 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 or follow PRECLEANING INSTRUCTIONS below.  
5) Saturate all surfaces with a solution prepared by adding 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.  
6) Thoroughly wet surfaces with use-solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.  

Immerse all hatters, 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) Allow surfaces to remain wet for at least 10 minutes  
8) Rinse all surfaces thoroughly with a potable water rinse.  
9) Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried.  
10) Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

APPLICATION INSTRUCTIONS FOR TRANSFER LINES:

1) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.  
2) Introduce use solution into transfer lines and tanks for watering systems and nipple drinkers.  
3) Soak or circulate use solution for at least 10 minutes.  
4) Drain transfer lines and tanks.  
5) Rinse all surfaces thoroughly with a potable water rinse.

PRECLEANING INSTRUCTIONS (OPTIONAL STEP):

Although Sterilex Ultra Disinfectant Cleaner Solution 1 provides one-step cleaning and disinfection, pre-cleaning may be desired for some surfaces in certain cases.  
1) Prepare a pre-cleaning solution by adding 3 - 6 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and an equivalent amount of Sterilex Ultra Activator Solution to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth to be pre-cleaned.  
2) Clean surfaces with pre-cleaning solution to by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, immersing, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.  
3) Before disinfecting rinse all surfaces thoroughly with a potable water rinse.

DISINFECTION OF POULTRY HOUSE PREMISES, POULTRY HOUSE EQUIPMENT AND HATCHERIES:

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution, is:  
➤ Recommended for use in federally inspected meat and poultry plants and as a disinfectant in dressing plants;  
➤ Formulated for effective poultry premise sanitation;  
➤ Formulated for effective farm premise use; and  
➤ Provides optimal non-acid cleaning performance.

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 or follow PRE-CLEANING INSTRUCTIONS below.  
5) Saturate all surfaces with a solution prepared by adding 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.  
6) Thoroughly wet surfaces with use-solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping. The use-solution can be used to disinfect hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces in hatcheries. Immerse all hatters, 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) Allow surfaces to remain wet for at least 10 minutes.
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8) Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried.
9) Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

APPLICATION INSTRUCTIONS FOR TRANSFER LINES:
1) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.
2) Introduce use solution into transfer lines and tanks for watering systems and nipple drinkers.
3) Soak or circulate use solution for at least 10 minutes.
4) Drain transfer lines and tanks.
5) Rinse all surfaces thoroughly with a potable water rinse.

PRE-CLEANING INSTRUCTIONS (OPTIONAL STEP):
Although Sterilex Ultra Disinfectant Cleaner Solution 1 provides one-step cleaning and disinfection, pre-cleaning may be desired for some surfaces in certain cases.
1) Prepare a pre-cleaning solution by adding 3 - 6 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and an equivalent amount of Sterilex Ultra Activator Solution to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth to be pre-cleaned.
2) Clean surfaces with pre-cleaning solution to by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, immersing, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
3) Before disinfecting rinse all surfaces thoroughly with a potable water rinse.

DISINFECTION IN REFRIGERATED TRUCKS AND OTHER VEHICLES, INSTITUTIONS, INDUSTRIAL FACILITIES, SCHOOLS, ATHLETIC FACILITIES, REST ROOMS, HOTELS, MOTELS, OFFICE BUILDINGS AND OTHER PUBLIC AREAS, AND HOUSEHOLDS:

APPLICATION INSTRUCTIONS:
1) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.
2) Thoroughly wet surfaces with use solution by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping. Clean all areas of vehicles, including mats, crates, cabs and wheels.
3) Allow surfaces to remain wet for at least 10 minutes.
4) Rinse all surfaces thoroughly with a potable water rinse.

PRE-CLEANING INSTRUCTIONS (OPTIONAL STEP):
Although Sterilex Ultra Disinfectant Cleaner Solution 1 provides one-step cleaning and disinfection, pre-cleaning may be desired for some surfaces in certain cases.
1) Prepare a pre-cleaning solution by adding 3 - 6 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and an equivalent amount of Sterilex Ultra Activator Solution to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth to be pre-cleaned.
2) Clean surfaces with pre-cleaning solution to by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging, immersing, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping.
3) Before disinfecting rinse all surfaces thoroughly with a potable water rinse.

DISINFECTION OF SALON (BARBER) INSTRUMENTS AND TOOLS:

APPLICATION INSTRUCTIONS:
1) Add 12.8 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 fl. oz. of Sterilex Ultra Activator Solution to 1 gal. tap water in an appropriate plastic container and stir.
2) Completely immerse combs, brushes, rollers, manicure and other hard, nonporous salon instruments and tools for 10 minutes.
3) Allow surfaces to remain wet for at least 10 minutes.
4) Rinse all thoroughly with potable water and dry before use.
5) Fresh solution should be prepared daily or more often if solution becomes diluted or soiled.

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, non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

PRE-CLEANING INSTRUCTIONS (OPTIONAL STEP):
Although Sterilex Ultra Disinfectant Cleaner Solution 1 provides one-step cleaning and disinfection, precleaning heavily soiled instruments and tools may be desired for some surfaces in certain cases.
1) Prepare a precleaning solution by adding 3 - 6 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and an equivalent amount of Sterilex Ultra Activator Solution to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross filth to be precleaned.
2) Clean surfaces with precleaning solution to by pouring, wiping, brushing, scrubbing, spraying with a coarse trigger sprayer, sponging or immersing.
3) Before disinfecting rinse all surfaces thoroughly with a potable water rinse.
Sterile Ultra Disinfectant Cleaner Solution 1

(EPAS No. 63761-8)

For the biocide and non-public use sites below, the use of Sterile Ultra Activator Solution is not required. Sterile Ultra Activator Solution may be used as an adjuvant for Sterile Ultra Disinfectant Cleaner Solution 1 in biocide and non-public use sites to adjust pH, inhibit corrosion and enhance cleaning.

FOR USE AS A BACTERICIDE, SLIMICIDE, MILDEWSTAT AND ALGICIDE
PENETRATES AND REMOVES BIOFILM AND OTHER ORGANIC CONTAMINANTS
CONTROLS SLIME FORMING BACTERIA
CONTROLS MOLD AND MILDEW

RECIRCULATING COOLING WATER SYSTEMS, INCLUDING COOLING TOWERS, EVAPORATIVE CONDENSERS, DAIRY SWEET WATER SYSTEMS AND BREWERY PASTEURIZERS. Effectively removes and controls biofilm and other organic contaminants in commercial and industrial cooling towers; influent water systems such as flow-through filters; and heat exchange water systems. (Not for Use in California)

DOSEAGE RATES. Initial Dose for badly fouled systems: Add 1 to 4 gal. (1000-4000 ppm) Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water in the system. If cleaning is desired or if the pH of the system is below 8, add simultaneously Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1. Repeat until control is evident. Routine Dose, when microbial control is evident: Subsequent slug additions of 5 oz. to 64 fl. oz. (40-500 ppm) Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water (and if cleaning is desired or the pH of the system is below 8, Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1) should be employed every 2 to 5 days as needed. The frequency of addition depends on the relative amount of bleed-off, the quality of the makeup water and rate of inflow of airborne or other contaminants. Slug additions should be made in the sump of water cooling towers.

Continuous Doseage: For continuous, or semi-continuous, low level dosage of Sterile Ultra Disinfectant Cleaner Solution 1, add 1 oz. to 20 oz. (8-165 ppm) Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water (and if cleaning is desired or the pH of the system is below 8, Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1). PULP AND PAPER MILLS. For use only in the production of pulp and paper that will not come in contact with food. Effectively removes and controls biofilm and other organic contaminants in pulp and paper mill fresh and seawater influent, water systems, wastewater treatment systems, non-potable water systems, and other process water. (Not for Use in California)

DOSEAGE RATES. Initial Dose for badly fouled systems: Add 3 to 16 gal. (3100-16150 ppm) of Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water in the system. If cleaning is desired or if the pH of the system is below 8, add simultaneously Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1. If necessary, apply a solution containing 0.4 to 2 oz. Sterile Ultra Disinfectant Cleaner Solution 1 per gallon of water (and if cleaning is desired or if the pH of the system is below 8, Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1) onto interior surfaces of the system that are not continuously submerged.

Routine Dose, when microbial control is evident: Subsequent slug additions of 8 to 50 oz. (65-408 ppm) Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water (and if cleaning is desired or if the pH of the system is below 8, Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1) should be employed every 1 to 5 days as needed. The frequency of addition depends on the quality of the makeup water and rate of inflow of airborne or other contaminants.

Continuous Doseage: For continuous low level dosage of Sterile Ultra Disinfectant Cleaner Solution 1, add 1 oz. to 20 oz. (8-165 ppm) Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water (and if cleaning is desired or the pH of the system is below 8, Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1). AIR WASHERS. For use only in industrial air washing systems that maintain effective mist eliminating components. Effectively removes and controls biofilm and other organic contaminants in Industrial Water Scrubbing Systems. (Not for Use in California)

DOSEAGE RATES. Initial Dose for badly fouled systems: Add 3 to 16 gal. (3100-16150 ppm) of Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water in the system. If cleaning is desired or if the pH of the system is below 8, add simultaneously Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1. If necessary, apply a solution containing 0.4 to 2 fl. oz. Sterile Ultra Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the system is below 8, Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1) per gallon of water onto interior surfaces of the system that are not continuously submerged. Repeat until control is evident.

Routine Dose, when microbial control is evident: Subsequent slug additions of 28 to 128 fl. oz. (225-1000 ppm) Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water and if cleaning is desired or if the pH of the system is below 8, Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1 should be employed every 1 to 5 days as needed. The frequency of addition depends on the relative amount of bleed-off, the quality of the makeup water and rate of inflow of airborne or other contaminants. Slug additions should be made in the sump of Industrial Water Scrubbing Systems.

DYE MACHINES. Effectively removes and controls biofilm and other organic contaminants in Textile Dyeing Machines. (Not for Use In California)

DOSEAGE RATES. Add 16 to 40 gal. (16150-38500 ppm) of Sterile Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water in a dye storage tank. If cleaning is desired or the pH of the mixture is below 8, add simultaneously Sterile Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterile Ultra Disinfectant Cleaner Solution 1. Circulate the mixture from the dye storage tank through the dye machine and all associated piping and other dye storage tanks. If necessary, apply a solution containing 2 to 5 fl. oz. Sterile Ultra
Sterilex Ultra Disinfectant Cleaner Solution 1

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Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the mixture is below 8, Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1) per gallon of water onto surfaces of the system that are not continuously submerged.

WATER-JET LOOMS. Effectively removes and controls biofilm and other organic contaminants in Water-Jet Looms. (Not for Use in California)

DOSEAGE RATES. Initial Dose for badly fouled systems: Prepare a mixture of 2 to 5 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 per gallon of water. If cleaning is desired or if the pH of the mixture is below 8, add Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1. Pump the mixture through the Water-Jet Loom and all associated piping. If necessary, apply a solution containing 2 to 5 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the system is below 8, Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1) per gallon of water onto surfaces of the system that are not continuously submerged. Subsequent Dose, when microbial control is evident: Subsequent slug additions of 5 to 25 fl. oz. (40-203 ppm) Sterilex Ultra Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the mixture is below 8, Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1) per 1000 gallons of daily water use should be employed every 1 to 5 days or as needed. The frequency of addition depends on the quality of the makeup water and rate of inflow of airborne or other contaminants.

TANKS, SUMPS, AND OTHER HOLDING VESSELS, PIPING AND INDUSTRIAL EQUIPMENT USED TO STORE AND CONVEY INDUSTRIAL OR COMMERCIAL PROCESS WATER OR AQUEOUS MIXTURES: Do Not Use in equipment that will contact food. Effectively removes and controls biofilm and other organic contaminants in Tanks, Piping and Industrial Equipment used to store and convey Industrial Process Water or Aqueous Mixtures. (Not for Use in California)

DOSEAGE RATES. Dose for badly fouled systems: Fill equipment as completely as possible with a solution of 8 to 80 gal. (8215-70000 ppm) of Sterilex Ultra Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the mixture is below 8, Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1) per 1000 gallons of system capacity. Circulate for at least 4 hours and then drain system. Rinse system with 6 volumes of water. If necessary, apply a solution containing 1 to 10 fl. oz. Sterilex Ultra Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the mixture is below 8, Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1) per gallon onto surfaces of the equipment that are not submerged. Subsequent Dose, when microbial control is evident: Subsequent slug additions of 5 to 25 fl. oz. (40-203 ppm) Sterilex Ultra Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the mixture is below 8, Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1) per 1000 gallons of daily water use should be employed every 1 to 5 days or as needed. The frequency of addition depends on the quality of the makeup water and rate of inflow of airborne or other contaminants.

DEIONIZED WATER SUPPLY SYSTEMS NOT USED IN FOOD PROCESSING, FOR HUMAN DRINKING WATER OR DENTAL LINES. Effectively removes and controls biofilm and other organic contaminants in Tanks, Filters and Piping used to store and convey Deionizer Water. (Not for Use in California)

DOSEAGE RATES. Add 3 to 16 gal. (3100-16150 ppm) of Sterilex Ultra Disinfectant Cleaner Solution 1 and if cleaning is desired or the pH of the mixture is below 8, Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of system capacity. Circulate for at least 4 hours and then drain system. Rinse system with 6 volumes of water. If necessary, apply a solution containing 0.4 to 2 fl. oz. Sterilex Ultra Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the system is below 8, Sterilex Ultra Activator Solution at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1) per gallon onto surfaces of the equipment that are not submerged. DRAINS. Effectively removes and controls plugging and odors caused by accumulation of biofilm and other organic contaminants in drains. Prevents stoppage and odors. (Not for Use in California)

DOSEAGE RATES: Initial Dose for badly fouled systems. This product can be poured, foamed, wiped, brushed, applied using a clean in place CIP system, pumping it through the system or mopping. Apply from 6 fl. oz. to 15 fl. oz Sterilex Ultra Disinfectant Cleaner Solution 1 per gallon of water to drain. Repeat until control is evident. Optionally, pour from 1 fl. oz. Ultra Disinfectant Cleaner Solution 1 around or into one-inch diameter or smaller drains up to 90 fl. oz. Sterilex Ultra Disinfectant Cleaner Solution 1 around or into three-inch diameter drains. If cleaning is desired, add simultaneously Sterilex Ultra Activator Solution at the same volume as Sterilex Ultra Disinfectant Cleaner Solution 1 (1 - 90 fl. oz). For foam cleaning, add 6-15 oz. Sterilex Ultra Disinfectant Cleaner Solution 1 and an equal amount of Sterilex Ultra Activator Solution per gallon of water to a foaming device and foam the mixture into the drain. Subsequent Dose: When microbial control is evident, subsequent additions of 1-6 fl. oz Sterilex Ultra Disinfectant Cleaner Solution 1 per gallon of water should be employed every 7 days or as needed. This product can be poured, foamed, wiped, brushed, applied using a clean in place CIP system, pumping it through the system or mopping. If cleaning is desired, add simultaneously Sterilex Ultra Activator Solution at the same volume as Sterilex Ultra Disinfectant Cleaner Solution 1 (1 - 6 fl. oz) per gallon of water. Optionally, subsequent additions of 1 - 6 fl. oz Sterilex Ultra Disinfectant Cleaner Solution 1 into one-inch diameter or smaller drains up to 6 fl. oz Sterilex Ultra Disinfectant Cleaner Solution 1 into three-inch diameter drains, should be employed every 7 days or as needed. If cleaning is desired, add simultaneously Sterilex Ultra Activator Solution at the same volume as Sterilex Ultra Disinfectant Cleaner Solution 1 (1 - 6 fl. oz). For foam cleaning, add 1 - 6 oz. Sterilex Ultra Disinfectant Cleaner Solution 1 and an equal amount of Sterilex Ultra Activator Solution per gallon of water to a foaming device and foam the mixture into the drain.