



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 disinfection and non-food contact surface sanitization for public health uses, this is part one of a two-part product and must be used with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

For Biocide and non-public health uses, the use of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator may not be required. Please consult the directions for use for specific instructions.

When mixed with Ultra Soft Metal Activator:

- Compatible with soft metals, including aluminum
- Soft metal disinfection and sanitization applications include spiral freezers and chillers
- Optimized for use in spiral freezers, chillers, cooling tunnels and other soft metal surfaces
- Helps prevent cross contamination on treated surfaces
- Compatible with aluminum surfaces, including: Al 1100, Al 3003, Al 5052, Al 7075
- Compatible with stainless steel and soft metal surfaces including: Aluminum, Copper, Brass, Carbon Steel
- Not for use on galvanized surfaces
- Contact Sterilex for full compatibility profile
- This product is compatible with the following material surfaces: Al 1100, Al 5052, Al 3003, Al 7075, Bronze, Brass, Copper, Carbon Steel, SS 304, SS 316
- Note: This product may also be compatible with materials that have not been listed on this label. If you have any questions regarding the compatibility of this product, please contact Sterilex.

DISINFECTION

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator, is a one-step, hospital-use disinfectant at 12.8 – 16.0 fl. oz. (each, Solution 1 & Solution 2) per gallon of water (1:1:10 – 1:1:8). 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 (ATCC# 33591) (MRSA)*
- Salmonella enterica (Salmonella) (ATCC# 10708)*
- Salmonella enterica enterica enteritidis (ATCC# 13076)*
- Salmonella enterica enterica heidelberg (ATCC# 8326)*
- Escherichia coli O157:H7 (ATCC# 35150)*
- Listeria monocytogenes (ATCC# 19111)*
- Campylobacter jejuni (ATCC# 29428)*

SPOILAGE ORGANISM

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator kills the following spoilage organisms on hard, inanimate surfaces in one step at the concentrations listed in the table below, according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus 5% organic serum.

Spoilage Organism	Concentration
<i>Zygosaccharomyces parabailii</i> (ATCC# 56075)	4 - 5 oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 4 - 5 oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water
<i>Trichophyton mentagrophytes</i> (ATCC# 9533)	12.8 - 16.0 oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 - 16.0 oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water

*VIRUSES

Avian Influenza

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator is effective against Avian Influenza A (H3N2: Avian Reassortant) on hard, inanimate surfaces in one step at 2 - 4 fl. oz. **Sterilex Ultra Disinfectant Cleaner Solution 1** and 2 - 4 fl. oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water (1:1:64 – 1:1:32), with a



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5 minute contact time in the presence of 400 ppm hard water and organic soil. Remove gross soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. Mix 2 - 4 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 2 - 4 fl. oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator to 1 gal. of water. Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, foaming, 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. Allow surfaces to remain wet for at least 5 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

Sterilex Ultra Disinfectant Cleaner Solution 1 when mixed with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator, is effective against the following viruses on hard, inanimate surfaces in one step at the concentrations listed in the table below, with a 10 minute contact time in the presence of 400 ppm hard water and organic soil.

Virus	Concentration
Feline Calicivirus	12.8 – 16.0 oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 – 16.0 oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water
Norovirus	12.8 – 16.0 oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 – 16.0 oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water
Rotavirus	12.8 – 16.0 oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 – 16.0 oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water

PED Virus

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator is effective against Porcine Epidemic Diarrhea Virus (PEDv) on hard, inanimate surfaces at 12.8 - 16.0 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 - 16.0 fl. oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water, with a 10 minute contact time in the presence of 400 ppm hard water. 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. Mix 12.8 – 16.0 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 – 16.0 fl. oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator to 1 gal. [3.78 L] of water. Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, foaming 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. Allow surfaces to remain wet for at least 5 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

FUNGISTAT/MILDEWSTAT

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator controls the growth of mold and mildew organisms (*Aspergillus niger*, ATCC 6275) and the odors they cause on hard, non-porous surfaces in one step at 12.8 – 16.0 fl. oz. of Sterilex Ultra Disinfectant Cleaner Solution 1 and 12.8 – 16.0 fl. oz. Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water (1:1:10 – 1:1:8) according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus 5% organic serum.

GENERAL SANITIZATION DIRECTIONS

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator, reduces the following bacteria by 99.9% in 3 minutes according to the Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces:

- Enterobacter aerogenese (ATCC 13048)***
- Staphylococcus aureus (ATCC 6538)***

SANITIZING DIRECTIONS FOR NON-FOOD CONTACT SURFACES:

Add 2 - 4 fl. oz. (59 - 118 mL) of Sterilex Ultra Disinfectant Cleaner Solution 1 and 2 - 4 fl. oz. (59 - 118 mL) of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator to 1 gallon (3.78 L) of water (or equivalent use dilution) to sanitize hard, non-porous surfaces. Apply sanitizer use solution to pre-cleaned, hard, non-porous surfaces with a cloth, mop, sponge, sprayer, foaming or by immersion. For sprayer applications, use a coarse pump or trigger sprayer. Spray 6-9 inches (15-22 cm) from surface. Do not breathe spray. Treated surfaces must remain wet for 3 minutes, then wipe with sponge, mop or cloth or allow to air dry. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner and Activator Solution or Ultra Soft Metal Activator.

Sterilex Ultra Disinfectant Cleaner Solution 1, when mixed with Sterilex Ultra Activator Solution or Ultra Soft Metal Activator, is for use on washable hard, nonporous surfaces in: hospitals, medical and dental offices, nursing homes, health care facilities, ultrasonic baths (ultrasonic



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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 or Ultra Soft Metal Activator, 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);

Steam sterilizer water reservoirs, steam sterilizer water reservoir tubing;

Water reservoir tanks, water reservoir pipes, tanks, and piping systems used in food processing;

Trench drains, floor drains and other visible drain surfaces;

Floors, walls, countertops, stovetops, sinks, appliances, refrigerators (exteriors), plastic and other nonporous cutting boards and chopping blocks; coolers, ice chests; nonresidential 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, spiral freezers, HVAC units, cooling coils, cooling tunnels, refrigeration units, 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;

Kennel runs, nest pads, 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, trucks, poultry buildings, ceilings, sidewalls and floors, drinkers and other poultry house related equipment;

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

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

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.

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. Prepare a precleaning solution by adding 1 - 12.8 fl. oz. of **Sterilex Ultra Disinfectant Cleaner Solution 1** and an equivalent amount of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator to 1 gal. hot tap water in an appropriate plastic container, depending on the level of gross soil to be precleaned. Clean surfaces with precleaning solution by pouring, wiping, brushing, scrubbing, foaming, 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. Rinse all surfaces thoroughly with a potable water rinse.

GENERAL ONE STEP DISINFECTION AND CLEANING DIRECTIONS FOR HARD, NON-POROUS SURFACES:

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To clean and disinfect in one step, remove gross soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. Mix 12.8 – 16.0 ounces (378.5 – 473.2 ml) of **Sterilex Ultra Disinfectant Cleaner Solution 1** and 12.8 – 16.0 ounces (378.5 – 473.2 ml) of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator to 1 gal. (3.78 L) of water. Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, foaming, 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. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use product within 8 hours of mixing **Sterilex Ultra Disinfectant Cleaner Solution 1** and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

GENERAL CLEANING AND DISINFECTION OF POTABLE WATER, FOUNTAIN DRINK OR BEVERAGE PREPARATION, STORAGE, TRANSFER AND DISPENSING EQUIPMENT:

Confirm compatibility of Storage, Transfer and Dispensing equipment before use of this product.

Prepare enough solution to complete fill storage, transfer and dispensing equipment by adding 12.8 – 16.0 fl. oz. (378.5 – 473.2 ml) of **Sterilex Ultra Disinfectant Cleaner Solution 1** and 12.8 – 16.8 fl. oz. (378.5 – 473.2 ml) of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator to 1 gal. (3.78 L) tap water in an appropriate container and stir. Completely fill storage, transfer and dispensing equipment with the prepared solution. Allow the Sterilex Ultra mixture to remain in contact with the surfaces of the storage, transfer and dispensing equipment for at least 10 minutes. Drain storage, transfer and dispensing equipment. Rinse storage, transfer and dispensing equipment with potable water.

(For food processing or other facilities that have installed entryway sanitizing systems)

ENTRYWAY SANITIZING SYSTEMS:

Set the entryway system to apply 2 - 4 fl. oz. (59 - 118 mL) of Sterilex Ultra Disinfectant Cleaner Solution 1 and 2 - 4 fl. oz. (59 - 118 mL) of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per 1 gallon (3.78 L) of water. The entire doorway path must be covered with the spray (foam) (footbath). Ensure a continuous wet blanket of sanitizer solution is delivered to the floor (bath).

SANITIZATION OF HARD, NON-POROUS INANIMATE SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (PPE):

Mix 2 - 4 fl. oz. (59 - 118 mL) of Sterilex Ultra Disinfectant Cleaner Solution 1 and 2 - 4 fl. oz. (59 - 118 mL) of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per 1 gallon (3.78 L) of water (or equivalent use dilution). Gently mix for uniform solution. Apply solution to hard, non-porous inanimate surfaces of the Personal Protective Equipment (PPE) with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, foam or by immersion. Thoroughly wet all surfaces to be sanitized. Treated surfaces must remain wet for three (3) minutes. Remove excess solution from equipment prior to storage. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or more often if use solution becomes visibly dirty.

SHOE FOAM DIRECTIONS:

Apply a foam layer that is approximately 0.5 to 2 inches (1.2 cm to 5 cm) thick at all entrances using a foam generating machine or aerator and a solution containing 2 - 4 fl. oz. (59 - 118 mL) of Sterilex Ultra Disinfectant Cleaner Solution 1 and 2 - 4 fl. oz. (59 - 118 mL) of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon of water. Scrape waterproof shoes and boots. Walk through foamed. Boots must remain wet for at least 3 minutes prior to entering area. Foamed entrances must be washed and the foam replaced at least daily or when it foam/area appears dirty. Apply foam to entrances of buildings, hatcheries, production and packaging rooms to prevent cross contamination from area to area in the packaging and storage areas of food plants.

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.

Apply Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Optionally, preclean surfaces per the Precleaning Instructions. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

INSTRUMENT PRE-SOAK:

For use as an instrument pre-soak, prepare a solution by adding 12.8 – 16.0 fl. oz. (378.5 – 473.2 ml) of **Sterilex Ultra Disinfectant Cleaner Solution 1** and 12.8 – 16.0 fl. oz. (378.5 – 473.2 ml) of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator to 1 gal. (3.78L) tap water in an appropriate plastic container and stir. Immerse instruments completely and allow to soak for 10 minutes. Rinse all surfaces thoroughly



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with a potable water rinse. Instruments must undergo high-level disinfection or sterilization following pre-soak treatment. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

DISINFECTION IN ULTRASONIC BATHS:

NOTE:

Use **Sterilex Ultra Disinfectant Cleaner Solution 1** to disinfect hard nonporous non-critical objects compatible with Ultrasonic Cleaning Units.

Apply Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Optionally, preclean surfaces per the Precleaning Instructions. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

CLEANING AND DISINFECTION OF WHIRLPOOL BATHTUBS, JACUZZIS, SPAS, POOLS, AND FOOTBATHS

After using unit, drain and fill with a use solution of 12.8 – 16.0 fl. oz. (378.5 – 473.2 ml) of **Sterilex Ultra Disinfectant Cleaner Solution 1** and 12.8 – 16.0 fl. oz. (378.5 – 473.2 ml) of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per 1 gal. (3.78L) tap water to just cover the intake valve. Start the pump to circulate the solution. Wash down the unit sides, seat of the chair lift, and any related equipment with a clean swab, brush or sponge. Treated surfaces must remain wet for a minimum of 10 minutes. After the unit has been thoroughly disinfected, drain the solution from the unit and rinse disinfected surfaces with fresh water. Repeat for heavily soiled units. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

FOR PRECLEANING OF WHIRLPOOL BATHTUBS, JACUZZIS, SPAS, POOLS, AND FOOTBATHS circulate a solution of 0.5 fl. oz. Sterilex Ultra Disinfectant Cleaner Solution 1 and 0.5 fl. oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per 1 gal. tap water through tub, spa, pool, or bath and associated piping and filters at a temperature $\geq 90^{\circ}\text{F}$. Drain tub, spa, pool, or bath and rinse with water.

DISINFECTION AND NON-FOOD CONTACT SURFACE SANITIZATION 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:

NOTE:

Before use in federally inspected meat and poultry food 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.

Apply Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Optionally, preclean surfaces per the Precleaning Instructions. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

DISINFECTION AND NON-FOOD CONTACT SURFACE SANITIZATION 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 PREMISE EQUIPMENT, SWINE PREMISE EQUIPMENT.

Remove all animals and feed from premises, vehicles, and enclosures. 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. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Optionally, preclean surfaces per the Precleaning Instructions. Saturate all surfaces with a solution of **Sterilex Ultra Disinfectant Cleaner Solution 1** and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Allow surfaces to remain wet for at least 10 minutes. Rinse all surfaces thoroughly with a potable water rinse. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner and Activator Solution or Ultra Soft Metal Activator.

DISINFECTION OF POULTRY PREMISES, POULTRY EQUIPMENT AND HATCHERIES



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Remove all poultry and feeds from premises, trucks, coops, and crates. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Optionally, preclean surfaces per the Precleaning Instructions. Saturate all surfaces with a solution of **Sterilex Ultra Disinfectant Cleaner Solution 1** and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers with soap or detergent, and rinse with potable water before reuse.

Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

CLEANING AND DISINFECTION OF ANIMAL DRINKING LINES:

This product can be used to clean and disinfect tanks, pumps or medicators used to deliver the product, piping and tubing associated with water lines in animal, livestock and poultry housing facilities. The water lines can be used for delivering drinking water, air chiller water and cooling spray lines. Prior to use in the water lines, remove all animals, livestock or birds from premises. Do not reintroduce animals, livestock or birds until treatment is complete and water lines have been thoroughly rinsed with potable water.

Ensure all animals are removed from the farm. Apply disinfecting solution to the lines by adding 12.8 - 16.0 ounces [378.5 – 473.2 ml] of **Sterilex Ultra Disinfectant Cleaner Solution 1** and 12.8 - 16.0 ounces [378.5 – 473.2 ml] of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon [3.78 L] of water (1:1:10 – 1:1:8) to the drinking water system. Fill the system by using a clean in place (CIP) system, pumping it through the system, or drawing it through the system. Make sure there is enough solution to fill the lines. Trigger all drinkers to ensure solution flows over the nipple. If a drinker is not working, continue to trigger it until water flows freely. Allow surfaces to remain wet for at least 10 minutes. Rinse all surfaces thoroughly with a potable water rinse.

Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

SANITIZING ANIMAL DRINKING LINES:

This product can be used to sanitize in tanks, pumps or medicators used to deliver the product, piping and tubing associated with water lines in animal, livestock and poultry housing facilities. The water lines can be used for delivering drinking water, air chiller water and cooling spray lines. Prior to use in the water lines, remove all animals, livestock or birds from premises. Do not reintroduce animals, livestock or birds until treatment is complete and water lines have been thoroughly rinsed with potable water.

Ensure all animals are removed from the farm. Apply sanitizing solution to the lines by adding 2 - 4 ounces [59 - 118 ml] of **Sterilex Ultra Disinfectant Cleaner Solution 1** and 2 - 4 ounces [59 - 118 ml] of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per gallon [3.78 L] of water (1:1:64 – 1:1:32) to the drinking water system. Fill the system by using a clean in place (CIP) system, pumping it through the system, or drawing it through the system. Make sure there is enough solution to fill the lines. Trigger all drinkers to ensure solution flows over the nipple. If a drinker is not working, continue to trigger it until water flows freely. Allow surfaces to remain wet for at least 3 minutes. Rinse all surfaces thoroughly with a potable water rinse.

Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

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

Apply Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Optionally, preclean surfaces per the Precleaning Instructions. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Sterilex Ultra Activator Solution or Ultra Soft Metal Activator.

SPIRAL FREEZERS, COOLING UNITS, COOLING TUNNELS, EVAPORATIVE CONDENSERS AND OTHER COIL SURFACES



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Apply Sterilex Ultra Disinfectant Cleaner Solution 1 and Ultra Soft Metal Activator as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Optionally, preclean surfaces per the Precleaning Instructions. Use product within 8 hours of mixing Sterilex Ultra Disinfectant Cleaner Solution 1 and Ultra Soft Metal Activator.

For the biocide and non-public health uses below, the use of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator is not required. Sterilex Ultra Activator Solution or Ultra Soft Metal Activator may be used as an adjuvant for Sterilex Ultra Disinfectant Cleaner Solution 1 in biocide and non-public health uses 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 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. **(Claim not approved in California)**

DOSAGE RATES. Initial Dose for badly fouled systems: Add 1 to 4 gal. (1000-4000 ppm) **Sterilex 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, optionally add simultaneously Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex 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) **Sterilex Ultra Disinfectant Cleaner Solution 1** per 1000 gallons of water (and if cleaning is desired or the pH of the system is below 8, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1**) are employed every 2 to 5 days or 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. Make slug additions in the sump of water cooling towers.

Continuous Dosage: For continuous, or semi-continuous, low level dosage of Sterilex Ultra Disinfectant Cleaner Solution 1, add 1 oz. to 20 oz. (8-165 ppm) Sterilex Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water (and if cleaning is desired or the pH of the system is below 8, Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex 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. **(Claim not approved in California)**

DOSAGE RATES. Initial Dose for badly fouled systems: Add 3 to 16 gal. (3100-16150 ppm) of **Sterilex 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, optionally add simultaneously Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of Sterilex Ultra Disinfectant Cleaner Solution 1. If necessary, apply a solution containing 0.4 to 2 oz. **Sterilex Ultra Disinfectant Cleaner Solution 1** per gallon of water (and if cleaning is desired or if the pH of the system is below 8, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of Sterilex 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) **Sterilex 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1**) are 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 Dosage: For continuous low level dosage of Sterilex Ultra Disinfectant Cleaner Solution 1, add 1 oz. to 20 oz. (8-165 ppm) Sterilex Ultra Disinfectant Cleaner Solution 1 per 1000 gallons of water (and if cleaning is desired or the pH of the system is below 8, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex 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. **(Claim not approved in California)**

DOSAGE RATES. Initial Dose for badly fouled systems: Add 3 to 16 gal. (3100-16150 ppm) of **Sterilex 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, optionally add simultaneously Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1**. If necessary, apply a solution containing 0.4 to 2 fl. oz. Sterilex **Ultra Disinfectant Cleaner Solution 1** (and if cleaning is desired



Sterilex Ultra Disinfectant Cleaner Solution 1

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or the pH of the system is below 8, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex 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) **Sterilex Ultra Disinfectant Cleaner Solution 1** per 1000 gallons of water and if cleaning is desired or the pH of the system is below 8, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1** are employed every 1 to 5 days or 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. Make slug additions in the sump of Industrial Water Scrubbing Systems.

DYE MACHINES. Effectively removes and controls biofilm and other organic contaminants in Textile Dyeing Machines.
(Claim not approved in California)

DOSAGE RATES. Add 16 to 40 gal. (16150-38500 ppm) of **Sterilex 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, optionally add simultaneously Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex 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. Sterilex Ultra Disinfectant Cleaner Solution 1 (and if cleaning is desired or the pH of the mixture is below 8, Sterilex Ultra Activator Solution or Ultra Soft Metal Activator 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.
(Claim not approved in California)

DOSAGE 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1**) per 1000 gallons of daily water use are 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
(Claim not approved in California)

DOSAGE 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1**) per 1000 gallons of system capacity. Circulate and then drain system. Rinse system thoroughly. 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1**) per 1000 gallons of daily water use are 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.

(Claim not approved in California)

DOSAGE 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator 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 one hour 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at



Sterilex Ultra Disinfectant Cleaner Solution 1

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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. **(Claim not approved in California)**

DOSAGE 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. **Sterilex 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 or Ultra Soft Metal Activator 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 or Ultra Soft Metal Activator 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 are 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 or Ultra Soft Metal Activator 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, are employed every 7 days or as needed. If cleaning is desired, add simultaneously Sterilex Ultra Activator Solution or Ultra Soft Metal Activator 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 or Ultra Soft Metal Activator per gallon of water to a foaming device and foam the mixture into the drain.

CHAIR SIDE EVACUATOR TRAPS AND PUMP FILTER TRAPS. Effectively removes and controls plugging and odors caused by accumulation of biofilm in chair side evacuator traps and pump filter traps. Prevents stoppage and odor. **(Claim not approved in California)**

DOSAGE RATES. Initial Dose for badly fouled systems. Mix 10 fl. oz. of **Sterilex Ultra Disinfectant Cleaner Solution 1** and 10 fl. oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator into one gallon of hot water at the end of the working day. Draw all of the solution into the trap and allow to stand overnight. Repeat until control is evident.

Subsequent Dose: When microbial control is evident, subsequent slug additions of 1.5 - 2 fl. oz. **Sterilex Ultra Disinfectant Cleaner Solution 1** and 1.5 - 2 fl. oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator mixed into one gallon of hot water are employed every 7 days or as needed.

FOR PRECLEANING OF WHIRLPOOL BATHTUBS circulate a solution of 0.5 fl. oz. Sterilex Ultra Disinfectant Cleaner Solution 1 and 0.5 fl. oz. of Sterilex Ultra Activator Solution or Ultra Soft Metal Activator per 1 gal. tap water through tub and associated piping and filters at a temperature $\geq 90^{\circ}\text{F}$.

WHIRLPOOL BATHTUB, JACUZZI, SPA, POOL, AND FOOTBATH WATER SYSTEMS. Effectively removes and controls biofilm and other organic contaminants in whirlpool bathtub, Jacuzzi, spa, pool, and footbath water systems. **(Claim not approved in California)**

DOSAGE RATES. Initial Dose for badly fouled systems. After using unit, drain and fill with a use solution of 4 to 80 gal. (4108-70000 ppm) of **Sterilex Ultra Disinfectant Cleaner Solution 1** (and if cleaning is desired or the pH of the mixture is below 8, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1**) per 1000 gallons of system capacity to just cover the intake valve. Start the pump to circulate the solution. Circulate and then drain system. Rinse system thoroughly. 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator 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 After using unit, drain and fill with a use solution of 5 to 25 fl. oz. (40 - 203 ppm) of **Sterilex Ultra Disinfectant Cleaner Solution 1** (and if cleaning is desired or the pH of the mixture is below 8, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator at the rate of 1 to 3 times the volume of **Sterilex Ultra Disinfectant Cleaner Solution 1**) per 1000 gallons of system capacity to just cover the intake valve. Start the pump to circulate the solution. Circulate and then drain system. Rinse system thoroughly. 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, optionally add Sterilex Ultra Activator Solution or Ultra Soft Metal Activator 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.