STERILEX ULTRA POWDER

DISINFECTION OF HARD NON-POROUS SURFACES

One-Step Disinfectant - Cleaner
Staphylocidal – Pseudomonacidal – Salmonellacidal

Active Ingredients:
N-Alkyl (C10:95%, C12:3%, C14:2%) dimethylbenzylammonium chloride .............................................................. 10.00%
Sodium Carbonate Peroxyhydrate .................................................................................................................. 29.75%
Other Ingredients ............................................................................................................................................. 60.25%
TOTAL: ......................................................................................................................................................... 100.00%

KEEP OUT OF THE REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazard To Humans And Domestic Animals.

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through skin. Wear protective eyewear (goggles and/or face shield), protective clothing and waterproof gloves. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

WHEN POWDER IS DISSOLVED: Causes moderate eye irritation. Harmful if absorbed through skin or inhaled. Avoid breathing vapor. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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. Call a poison control center or doctor for treatment advice.

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

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin, or if these are not available, drink large quantities of water. Avoid alcohol.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

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

DIRECTIONS FOR USE

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

Sterilex Ultra Powder is a hospital-use disinfectant at 50 grams per liter. Bactericidal according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus 5% organic serum against:

(Bacteria)
Pseudomonas aeruginosa (Pseudomonas)(ATCC# 15442)
Staphylococcus aureus (Staph)(ATCC# 6538)
Salmonella enterica (Salmonella)(ATCC# 10708)

Sterilex Ultra Powder is for use on washable hard, nonporous surfaces in: 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, transportation terminals, restaurants, bars, cafeterias, institutional kitchens, food preparation and storage areas, convenience stores, food storage areas.

Sterilex Ultra Powder is for use on the following washable hard, nonporous surfaces:

Water reservoir tanks, water reservoir pipes, tanks, and piping systems used in food processing;
Floors, walls, countertops, stovetops, sinks, appliances, refrigerators, plastic and other nonporous cutting boards and chopping blocks, coolers, ice chests, nonresidential refrigerator bins for meat, fruit, vegetable and egg food processing equipment (e.g. meat 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;
Refrigerated storage and display equipment, tables, whirlpool bathtubs, bathtubs;
Cages, waterers and feeders, automatic feeders, hauling equipment, dressing plants, loading equipment, farrowing barns and related

Net Content {5 lbs, 10 lbs, 25 lbs, 50 lbs}
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, 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;

Disinfectant 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.

**Application Instructions for Surfaces:**
1. Remove gross food particles and soil from all articles using a pre-flush or pre-scrape and, if necessary, presoak.
2. Add 50 g of Sterilex Ultra Powder to 1 liter tap water in an appropriate plastic container and stir.
3. Thoroughly wet surfaces with use-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.
4. Allow surfaces to remain wet for at least 10 minutes.
5. Rinse all surfaces thoroughly with a potable water rinse.

**Pre-cleaning Instructions (Optional Step):**
Although Sterilix Ultra Powder 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 1-25 g of Sterilix Ultra Powder to 1 liter 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, 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.
3. Before disinfecting rinse all surfaces thoroughly with a potable water rinse.

**Application Instructions for Transfer Lines:**
1. Add 50 g of Sterilix Ultra Powder to 1 liter tap water in an appropriate plastic container and stir.
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 Animal Quarters, Farm and Dairy Farm Premises, Poultry and Swine Premises, Farm and Dairy Farm Premise Equipment, Poultry and Swine Premise Equipment and Hatcheries:**
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 PRE-CLEANING INSTRUCTIONS below.
5. Saturate all surfaces with a solution prepared by adding 50 g of Sterilix Ultra Powder to 1 liter tap water in an appropriate plastic container and stirring.
6. Thoroughly wet surfaces with use-solution 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.
7. The use-solution can be used to disinfect checkers, setters, trays, racks, carts, using tables, delivery trucks and other hard surfaces in hatcheries. Immerse all baskets, 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.
8. Allow surfaces to remain wet for at least 10 minutes.
9. Rinse all surfaces thoroughly with a potable water rinse.
10. Ventilate buildings, cars, boats, and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried.

**Application Instructions for Transfer Lines:**
1. Add 50 g of Sterilix Ultra Powder to 1 liter 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 Sterilix Ultra Powder 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 1-25 g of Sterilix Ultra Powder to 1 liter 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, 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.
sprayer, sponging, immersing, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or spraying.

3) Before disinfecting rinse all surfaces thoroughly with a potable water rinse.

PRE-CLEANING OF WHIRLPOOL BATHTUBS:
After using the whirlpool unit, drain and refill with fresh water to just cover the intake valve. Add 1 - 25 g. of Sterilex Ultra Powder in 1 liter hot tap water. Briefly start the pump to circulate the solution. Turn off the pump. Wash down the sides, seat of the chair and any and all related equipment with a sponge or brush. Drain solution from the unit and rinse cleaned surfaces and equipment with fresh water.

Think Pink Once A Week®
- Removes® biofilm from dental unit water lines
- Prevents and suppresses formation of biofilm in dental unit water lines
- Kills biofilm bacteria in dental unit water lines
- Maintains dental unit water line effluent water <500 cfu/ml
* Laboratory studies have shown >90% removal

TREATMENT OF DENTAL UNIT WATER LINES
Important Notice: Before using Sterilex Ultra please read the following information:
1. This product is to be used in conjunction with regular testing of dental unit water.
2. The manufacturer of the dental unit should be consulted before use of this product about compatibility of Sterilex Ultra with the dental unit.
3. Initial Start-Up Treatment: Treat the Dental Unit Water Lines (DUWL) for three consecutive nights.
4. Routine Treatment: Treat DUWL one night/week (Monday-Thursday recommended) after Initial Start-up treatment.

How To Apply Sterilex Ultra Powder:
1. At the end of the workday, add eight (8) ounces of HOT water to a Sterilex measuring cup or other empty container.
2. Add one packet of Sterilex Ultra to the hot water. Use stirrer to mix or swirl to dissolve. Be sure all powder is dissolved. Pour pink liquid into an empty external dental unit water bottle. Do not use PET Bottles (See note for bottle requirements). Use within 24 hours after powder has been dissolved in water.
3. Run Sterilex Ultra mixture through the system until the pink mixture appears at the end of the A/W Syringe and Handpiece Line. Always remove the Handpiece.
4. Allow the mixture to sit in the unit overnight (Place the ends of waterlines into a sink or cupholder in case any pink mixture drips overnight).
5. At the beginning of the next workday, discard any remaining mixture in external water bottle. Rinse the external water bottle with hot water.
6. Fill the external water bottle with hot water. Flush each line (A/W Syringe, Handpiece) until the bottle is empty.

Note: Do Not Use Thin Walled Polyethylene Terephthalate (PET) Bottles. We Recommend Either A High Density Polyethylene Bottle With A Minimum Thickness Of 0.08 Inches Or A High/Low Density Polyethylene Blend With A Minimum Thickness Of 0.14 Inches.

STORAGE AND DISPOSAL
PESTICIDE STORAGE: Keep out of children’s reach. Store at room temperature out of direct sunlight, DO NOT store about 30°C (or 86°F).
PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinse 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 rinse 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 rinse container (or equivalent) promptly after emptying.
Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of rinse as pesticide waste.
For containers having a capacity greater than 5 gallons: Triple rinse as follows: 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 container 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. Repeat this procedure two more times. Dispose of rinse as pesticide waste.
Pressure rinse as follows: 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. Dispose of rinse as pesticide waste.

Manufactured for
STERILEX CORPORATION
111 Lake Front Drive
Hunt Valley, MD 21030
phone: 800-511-1659
phone: 443-541-8800

EPA ESTABLISHMENT: 44636-CA-001
EPA REGISTRATION: 63761-5

revision 637615-05252011