For use in non-food contact areas of dairy, food, meat and beverage processing facilities
For use in low moisture environments and dry processing plants
Floor sanitizing and deodorizing performance | No need for external drain | No pre-dilution necessary | Virucidal†

STERILEX® ULTRA STEP

Apply as Solid Sanitizer
Solid Floor Sanitizer | Solid Foot Pan, Floor Mat and Boot Sanitizer
Solid Animal Premise Sanitizer | Solid Drain Surface Sanitizer
Broad Spectrum Disinfectant | Effective against Avian Influenza

DANGER
KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: Corrosive. Causes irreversible eye damage and skin irritation. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles, face shield, or safety glasses), coveralls worn over short-sleeved shirt and short pants, socks, chemical resistant footwear and waterproof gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. 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 poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

ACTIVE INGREDIENTS:
N-Alkyl (C14, 95%, C12, 3%, C16, 2%) dimethyl benzyl ammonium chloride . . . . . . . . 1.9%
Sodium Carbonate Peroxyhydrate .............................................................. 12.1%
Other Ingredients .................................................................................. 86.0%
TOTAL .................................................................................................... 100.0%

Sterilex Ultra Step is a moisture activated sanitizer and disinfectant specifically designed to improve environmental sanitation on surfaces where conditions favor microorganism growth and cause sanitation concern.

STERILEX® ULTRA STEP is for use as a non-food contact sanitizer, or as a disinfectant, on hard, nonporous surfaces in a variety of premises, including but not limited to, federally inspected food processing facilities, federally inspected meat and poultry plants, dairies, 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, food service facilities, kitchens, grocery stores, deli areas and drains.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Keep out of children’s reach. Store in a cool, dry location away from direct sunlight. Keep containers tightly sealed.
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: Non-refillable container. Triple rinse (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 rinsate as pesticide waste. If rinsate cannot be used, follow pesticide disposal instructions. 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 not triple rinsed these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations.

Manufactured for:
Sterilex
111 Lake Front Drive
Hunt Valley, MD 21030-2216
Call 1.800.511.1659 or 443.541.8800 for technical information.
EPA Reg. No.: 63761-10
DIRECTIONS FOR USE

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

SANITIZING OF HARD, NON-POROUS, INANIMATE, NON-FOOD CONTACT SURFACES

Sterilex Ultra Step eliminates 99.9% of the following bacteria in 5 minutes on hard, non-porous, inanimate, non-food contact surfaces according to the Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces: Enterobacter aerogenes (ATCC 13048), Staphylococcus aureus (ATCC 6538), Escherichia coli (ATCC 11229), Listeria monocytogenes (ATCC 15313), Salmonella enterica (ATCC 10708) and Salmonella enterica enteritidis (ATCC 13076).

SANITIZING DIRECTIONS FOR NON-FOOD CONTACT SURFACES:

- **Mix 1.34–1.67 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution).**
- **Add a solution of 4.9–6.1 oz Sterilex Ultra Step per gallon 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 or by immersion. For sprayer applications, use a coarse pump or trigger sprayer.
- **Spray 6–9 inches from surface. Do not breathe spray.** Treated surfaces must remain wet for 5 minutes, then wipe with sponge, mop or cloth or allow to air dry. Use within 8 hours after powder has been dissolved in water.

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

ENTRYWAY SANITIZING SYSTEMS AND FOOTBATHS:

- To prevent cross contamination on treated surfaces, apply a solution of 4.9–6.1 oz Sterilex Ultra Step per gallon of water (or equivalent use dilution). The entire entryway path must be covered with the footbath. Use within 8 hours after powder has been dissolved in water.
- **APPLICATION INSTRUCTIONS FOR USE AS A FLOOR SURFACE AND BOOT SANITIZER:** After cleaning and sanitizing equipment, sprinkle Sterilex Ultra Step evenly to the floor and drain surface, at a minimum rate of 3.7 oz (105 gm) per 100 square feet of floor and drain surface containing no more than 0.97 fl oz (28 ml) of moisture per square foot. If moisture amount exceeds 0.97 fl oz per square foot, the minimum spread rate of Sterilex Ultra Step must increase to support a minimum concentration of 4.9 oz Sterilex Ultra Step per gallon of water. Product may be re-applied as needed during the production process. Sterilex Ultra Step does not become active until it comes in contact with moisture.

- **APPLICATION INSTRUCTIONS FOR USE AS A FLOOR MAT AND FOOT PAN SANITIZER:** Apply Sterilex Ultra Step evenly to the foot pan, foot mat and containment device, at a minimum rate of 3.7 oz (105 gm) per 100 square feet of surface containing no more than 0.97 fl oz (28 ml) of moisture per square foot. If moisture amount exceeds 0.97 fl oz per square foot, the minimum spread rate of Sterilex Ultra Step must increase to support a minimum concentration of 4.9 oz Sterilex Ultra Step per gallon of water. Ensure complete coverage of the bottom of the floor mat, foot pan and containment device and re-apply product as necessary. Sterilex Ultra Step does not become active until it comes in contact with moisture.

GENERAL DISINFECTION AND CLEANING DIRECTIONS FOR HARD NON-POROUS SURFACES

Sterilex Ultra Step is a broad spectrum disinfectant when applied at a rate of 1.34–1.67 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution). Sterilex Ultra Step was tested using the 2013 AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water against: *Pseudomonas aeruginosa* (ATCC# 15442), *Staphylococcus aureus* (ATCC# 6538) and *Salmonella enterica* (ATCC# 10708).

APPLICATION INSTRUCTIONS:

- **Remove gross filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, pre-soak.** Mix 1.34–1.67 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing or spraying with a coarse trigger sprayer, sponging, using a clean

T′VIRUSES

Sterilex Ultra Step is effective against the following viruses on hard, non-porous surfaces at a rate of 0.92–1.15 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution), with a 10 minute contact time in the presence of 400 ppm hard water: Avian Influenza A, Feline Calicivirus, Norovirus and Rotavirus.

APPLICATION INSTRUCTIONS:

- **Remove gross filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, pre-soak.** Mix 0.92–1.15 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing or 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. In CIP systems, full flow/pressure must be achieved in the system at the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

PED VIRUS

Sterilex Ultra Step is effective against Porcine Epidemic Diarrhea Virus (PEDv) on hard, non-porous surfaces at a rate of 1.69–2.12 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution), with a 10 minute contact time in the presence of 400 ppm hard water. Remove gross filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, pre-soak. Mix 1.69–2.12 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing or 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. In CIP systems, full flow/pressure must be achieved in the system at the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

DISINFECTION AND CLEANING OF WHIRLPOOL BATH, SPA AND JACUZZI TUB SURFACES:

Close the whirlpool bath, spa or Jacuzzi tub to bathers. Turn off/close all chemical treatment lines, sensors, chlorine (bromine) feeders and pH chemical adjusters. The amount of water to be treated equals the capacity in gallons of the whirlpool bath, spa or Jacuzzi tub. Add 1.67–3.34 oz Sterilex Ultra Step per gallon of water to be treated. 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 clean swab, sponge or brush. Drain solution from the unit and rinse cleaned surfaces and equipment with fresh water. Use product within 8 hours after powder has been dissolved in water.

Revision: 08202018
Sterilex® Ultra Step

For use in non-food contact areas of dairy, food, and meat processing facilities
For use in low moisture environments and dry processing plants

Powered by Patented PerQuat® Technology
Apply as Solid Sanitizer
Sterilex® Solid Floor Sanitizer | Solid Foot Pan, Floor Mat and Boot Sanitizer
Sterilex® Anionic Drain Sanitizer | Solid Drain Surface Sanitizer

Broad Spectrum Disinfectant | Effective against Avian Influenza

PRODUCT NO. 08202018

EPA Reg. No.: 63761-10

SANITIZING DIRECTIONS FOR NON-FOOD CONTACT SURFACES: Add a solution of 4.9-6.1 oz Sterilex Ultra Step per gallon of water (or equivalent liquid detergent solution) to your sprayer solution to provide a pre-clean, hand, non-porous surfaces with a soft, mop, sponge, sprayer or by immersion. For sprayer applications, use a coarse pump or trigger sprayer. Spray 6-9 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 5 minutes, then wipe with sponge, mop or cloth or allow to air dry. Use within 8 hours after powder has been dissolved in water.

NOTE: During treatment bathers must not enter the whirlpool bath. After cleaning and sanitizing equipment, sprinkle Sterilex Ultra Step evenly to the floor and drain surface, at a minimum rate of 3.7 oz (105 gm) per 100 square feet of floor and drain surface containing no more than 0.97 fl oz (28 mL) of moisture per square foot. If moisture amount exceeds 0.97 fl oz per square foot, the minimum spread rate of Sterilex Ultra Step must increase to support a minimum concentration of 4.9 oz Sterilex Ultra Step per gallon of water. Product may be re-applied as needed during the production process. Sterilex Ultra Step does not become active until it comes in contact with moisture.

ENTRYWAY SANITIZING SYSTEMS AND FOOTBATHS: To prevent cross-contamination on treated surfaces, apply a solution of 4.9-6.1 oz Sterilex Ultra Step per gallon of water (or equivalent dilution), with a 10 minute contact time in the presence of 400 ppm hard water. Avoid Influenza A, Feline Calicivirus, Norovirus and Rotavirus. Application should be monitored to maintain a pre-clean, pre-flush, or post-flush and, if necessary, presoak. Mix 1.34–1.67 lb Sterilex Ultra Step per gallon of water (or equivalent dilution). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing or spraying with a coarse trigger sprayer, spraying, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping. In CIP systems, full flow/pressure must be achieved in the system at the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

TERMS Sterilex Ultra Step is effective against the following viruses on hard, non-porous surfaces at a rate of 0.92–1.15 lb Sterilex Ultra Step per gallon of water (or equivalent dilution), with a 5 minute contact time in the presence of 400 ppm hard water. Avoid Influenza A, Feline Calicivirus, Norovirus and Rotavirus. Application should be monitored to maintain a pre-clean, pre-flush, or post-flush and, if necessary, presoak. Mix 0.92–1.15 lb Sterilex Ultra Step per gallon of water (or equivalent dilution). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing or spraying with a coarse trigger sprayer, spraying, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping. In CIP systems, full flow/pressure must be achieved in the system at the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

PRECLEANING OF WHIRLPOOL BATH, SPA AND JACUZZI TUB SURFACES: Clean the whirlpool bath, spa or Jacuzzi tubs to bath. Turn off the pump. Wash down the sides, seat of the chair and any and all related equipment with a clean swab, sponge or brush. Drain the unit from the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

DISTRIBUTION AND CLEANING OF WHIRLPOOL BATH, SPA AND JACUZZI TUB SURFACES: Clean the whirlpool bath, spa or Jacuzzi tubs to bath. Turn off the pump. Wash down the sides, seat of the chair and any and all related equipment with a clean swab, sponge or brush. Drain the unit from the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

APPLICATION INSTRUCTIONS FOR A FOAM MAT AND FOOT PAD SANITIZE: Apply Sterilex Ultra Step evenly to the foot pad, floor mat and containment device, at a minimum rate of 3.7 oz (105 gm) per 100 square feet of surface containing no more than 0.97 fl oz (28 mL) of moisture per square foot. If moisture amount exceeds 0.97 fl oz per square foot, the minimum spread rate of Sterilex Ultra Step must increase to support a minimum concentration of 4.9 oz Sterilex Ultra Step per gallon of water. Use within 8 hours after powder has been dissolved in water.

GENERAL DISINFECTION AND CLEANING DIRECTIONS FOR HARD NON-POROUS SURFACES Sterilex Ultra Step is a broad spectrum disinfectant when applied at a rate of 1.34–1.67 lb Sterilex Ultra Step per gallon of water (or equivalent dilution). Sterilex Ultra Step must be tested and documented in a CIP, CIP spray or immersion. Test Method according to Standard Test Method for the Determination of the Activity of Disinfectants against Enterobacter aerogenes (ATCC 10442), Staphylococcus aureus (ATCC 6538) and Salmonella enterica (ATCC 13070).

APPLICATION INSTRUCTIONS: Add 4.25–5.3 lb Sterilex Ultra Step per gallon of water (or equivalent dilution). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing or spraying with a coarse trigger sprayer, spraying, using a clean in place (CIP) system, pumping it through the system, drawing it through the system or mopping. In CIP systems, full flow/pressure must be achieved in the system at the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

ACTIVE INGREDIENTS:
Alcohol (C5–C9), C2% dimethyl benzyloxirornium chloride,...1.9%
Sodium Carbonate Peroxyhydrate ...........................................................12.1%
Other Ingredients .....................................................................................86.0%
TOTAL..............................................100.0%

PROOF TO PHARMACIST: Probable mucosal damage may contraindicate the use of gastric lavage.

IF INHALE: Remove patient to fresh air and immediately call for medical assistance. CPR should be performed on patients who are unconscious. Do not give mouth to mouth resuscitation. If mouth-to-mouth resuscitation is necessary, a mask should be used to prevent exposure to aerosols of the toxic agent.

FOR EXPOSURE TO OR INHALATION: Air and moisture are necessary for activation of Sterilex Ultra Step. Air and moisture must be drawn for 1 minute to support a minimum concentration of 4.9 oz Sterilex Ultra Step per gallon of water. In CIP systems, full flow/pressure must be achieved in the system at the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

RECLASSIFICATION OF WHIRLPOOL BATH, SPA AND JACUZZI TUB SURFACES: Clean the whirlpool bath, spa or Jacuzzi tubs to bath. Turn off the pump. Wash down the sides, seat of the chair and any and all related equipment with a clean swab, sponge or brush. Drain the unit from the start of the contact time and pressure should be maintained for the duration of the contact time. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all surfaces thoroughly with a potable water rinse. Use within 8 hours after powder has been dissolved in water.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with this label.

SANCING OF HARD, NON-POROUS, INANIMATE, NON-FOOD CONTACT SURFACES: Sterilex Ultra Step eliminates 99.9% of the following bacteria in 5 minutes on hard, non-porous, inanimate, non-food contact surfaces according to the Standard Test Method for the Activity of Disinfectants. Enterobacter aerogenes (ATCC 10442), Staphylococcus aureus (ATCC 6538), Escherichia coli (ATCC 11292), Listeria monocytogenes (ATCC 15313), Salmonella enterica (ATCC 13070) and Salmonella enterica enteritidis (ATCC 13070).
For use in non-food contact areas of dairy, food, and meat processing facilities
For use in low moisture environments and dry processing plants
For use in other industrial applications and disinfecting power tool cleaning
For use in direct contact with food, meat, and beverages
For use in sanitizing dairy, food, meat, and beverage processing facilities

STERILEX® ULTRA STEP

For use in non-food contact areas of dairy, food, and meat processing facilities
For use in low moisture environments and dry processing plants
For use in other industrial applications and disinfecting power tool cleaning
For use in direct contact with food, meat, and beverages
For use in sanitizing dairy, food, meat, and beverage processing facilities

SAFE HANDLING INSTRUCTIONS

USA

GENERAL DISINFECTION AND CLEANING DIRECTIONS FOR HARD NON-POROUS SURFACES
Sterilex Ultra Step is a broad spectrum disinfectant when applied at a rate of 1.34-1.67 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution). Sterilex Ultra Step was tested in accordance with Test Method Model 101, Standard Test Method for the Determination of the Efficacy of Disinfectants and Antimicrobial Preservatives Against Salmonella enterica and Staphylococcus aureus (ATCC 15492), Staphylococcus aureus (ATCC 6538) and Salmonella enterica (ATCC 10362) [1].

Use Ultra Step in accordance with label directions. Use within eight hours after powder has been dissolved in water. Apply Sterilex Ultra Step in accordance with label directions. Use in accordance with applicable Federal, State, and Local laws and regulations. Use Sterilex Ultra Step in accordance with label directions. Use within eight hours after powder has been dissolved in water.

Call 1.800.511.1659 or 443.541.8800 for technical information.