



# STERILEX® ULTRA STEP

PRODUCT NO.

# 10010SUS

NET CONTENTS: 10 LB

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!

## Powered by Patented PerQuat® Technology

### 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 (C <sub>12</sub> 95%, C <sub>12</sub> 3%, C <sub>12</sub> 2%) dimethyl benzyl ammonium chloride.....	1.9%
Sodium Carbonate Peroxyhydrate.....	12.1%
Other Ingredients.....	86.0%
<b>TOTAL</b> .....	<b>100.0%</b>

**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.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. See back panel for complete directions for use.

#### 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.



**STERILEX®**  
Innovative Solutions for Microbial Control

#### 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

## **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 serovar Enteritidis* (ATCC 13076), *Salmonella enterica enteritidis* (ATCC 13076), *Cronobacter sakazakii* (ATCC 29004), *Campylobacter jejuni* (ATCC 29429) and *Mycoplasma gallisepticum* (ATCC 19610).

**SANITIZING DIRECTIONS FOR NON-FOOD CONTACT SURFACES:** Add a solution of 4.9–6.1 oz of 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 reduce cross contamination on treated surfaces, apply a solution of 4.9–6.1 oz of 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.

**APPLICATION INSTRUCTIONS FOR USE AS A FLOOR MAT AND FOOT PAN SANITIZER:** Apply Sterilex Ultra Step evenly to the foot pan, 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. Ensure complete coverage of the bottom of the floor mat, foot pan and containment device and re-apply product as necessary.

## **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 visible 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 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.

## **†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 visible 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.

Sterilex Ultra Step is effective against the following viruses 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: PED virus, Porcine Reproductive & Respiratory Syndrome virus (PRRS), Newcastle disease virus and Infectious Laryngotracheitis virus (LT virus).

**APPLICATION INSTRUCTIONS:** Pre-clean all surfaces by removing visible 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.

## **PRECLEANING OF WHIRLPOOL BATH, SPA AND JACUZZI TUB SURFACES:**

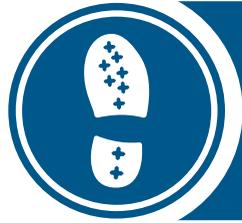
Close the whirlpool bath, spa or Jacuzzi tub to bathers. Turn off/close all chemical treatment lines, sensors, chlorine (bromine) feeders and pH chemical adjusters. The amount of water to be treated equals the capacity in gallons of the whirlpool bath, spa or Jacuzzi tub. Add 1.67–3.34 oz Sterilex Ultra 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.

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

**NOTE:** During treatment bathers must not enter the whirlpool bath, spa and Jacuzzi tubs. 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 1.34–1.67 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution) to be treated. Begin circulation of the product to assure even distribution of the product through the piping systems. Circulate the product for at least 10 minutes after the product has been evenly distributed through the piping system. Drain the entire system. Flush (rinse) the entire system by refilling the entire system with clean fresh water. Rinse all cleaned surfaces with fresh water. Use product within 8 hours after powder has been dissolved in water.

PRODUCT NO.

# 10100SUS



## STERILEX® ULTRA STEP

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†

### Powered by Patented PerQuat® Technology

#### 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

#### ACTIVE INGREDIENTS:

N-Alkyl (C <sub>16</sub> 95%, C <sub>12</sub> 3%, C <sub>14</sub> 2%) dimethyl benzyl ammonium chloride.....	1.9%
Sodium Carbonate Peroxyhydrate.....	12.1%
Other Ingredients.....	86.0%
<b>TOTAL</b> .....	<b>100.0%</b>

## KEEP OUT OF REACH OF CHILDREN DANGER

### 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.

**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 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.

### 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), *Salmonella enterica* serovar Enteritidis (ATCC 13076), *Cronobacter sakazakii* (ATCC 29004), *Campylobacter jejuni* (ATCC 29429) and *Mycoplasma gallisepticum* (ATCC 19610).

**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 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 reduce 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.

**APPLICATION INSTRUCTIONS FOR USE AS A FLOOR MAT AND FOOT PAN SANITIZER:** Apply Sterilex Ultra Step evenly to the foot pan, 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. Ensure complete coverage of the bottom of the floor mat, foot pan and containment device and re-apply product as necessary.

#### 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 visible filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. 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 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.

#### †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 visible filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. 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.

Sterilex Ultra Step is effective against the following viruses 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: PED virus, Porcine reproductive & respiratory syndrome virus (PRRS), Newcastle disease virus and Infectious laryngotracheitis virus (LT virus).

**APPLICATION INSTRUCTIONS:** Preclean all surfaces by removing visible filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. 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.

**PRECLEANING 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.

**DISINFECTION AND CLEANING OF WHIRLPOOL BATH, SPA AND JACUZZI TUB SURFACES:** NOTE: During treatment bathers must not enter the whirlpool bath, spa and Jacuzzi tubs. 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 1.34–1.67 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution) to be treated. Begin circulation of the product to assure even distribution of the product through the piping systems. Circulate the product for at least 10 minutes after the product has been evenly distributed through the piping system. Drain the entire system. Flush (rinse) the entire system by refilling the entire system with clean fresh water. Rinse all cleaned surfaces with fresh water. Use product within 8 hours after powder has been dissolved in water.

### 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:** 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. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed in accordance with local, state and federal regulations. When completely empty, offer for recycling if available or dispose of bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



**STERILEX®**  
Innovative Solutions for Microbial Control

**Manufactured for:**  
Sterilex  
111 Lake Front Drive  
Hunt Valley, MD 21030-2216

Call 1.800.511.1659  
or 443.541.8800 for  
technical information.

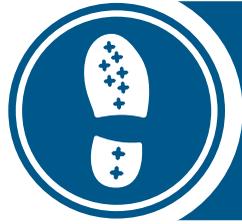
EPA Reg. No.: 63761-10

Revision: 12022020

**NET CONTENTS:  
100 LB**

PRODUCT NO.

# 10400SUS



## STERILEX® ULTRA STEP

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†

### Powered by Patented PerQuat® Technology

#### 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

#### ACTIVE INGREDIENTS:

N-Alkyl (C <sub>16</sub> 95%, C <sub>12</sub> 3%, C <sub>14</sub> 2%) dimethyl benzyl ammonium chloride.....	1.9%
Sodium Carbonate Peroxyhydrate.....	12.1%
Other Ingredients.....	86.0%
<b>TOTAL</b> .....	<b>100.0%</b>

## KEEP OUT OF REACH OF CHILDREN DANGER

### 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.

**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 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.

### 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), *Salmonella enterica* serovar Enteritidis (ATCC 13076), *Cronobacter sakazakii* (ATCC 29004), *Campylobacter jejuni* (ATCC 29429) and *Mycoplasma gallisepticum* (ATCC 19610).

**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 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 reduce 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.

**APPLICATION INSTRUCTIONS FOR USE AS A FLOOR MAT AND FOOT PAN SANITIZER:** Apply Sterilex Ultra Step evenly to the foot pan, 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. Ensure complete coverage of the bottom of the floor mat, foot pan and containment device and re-apply product as necessary.

#### 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 visible filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. 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 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.

#### †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 visible filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. 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.

Sterilex Ultra Step is effective against the following viruses 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: PED virus, Porcine reproductive & respiratory syndrome virus (PRRS), Newcastle disease virus and Infectious laryngotracheitis virus (LT virus).

**APPLICATION INSTRUCTIONS:** Preclean all surfaces by removing visible filth from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. 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.

**PRECLEANING 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.

**DISINFECTION AND CLEANING OF WHIRLPOOL BATH, SPA AND JACUZZI TUB SURFACES:** NOTE: During treatment bathers must not enter the whirlpool bath, spa and Jacuzzi tubs. 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 1.34–1.67 lb Sterilex Ultra Step per gallon of water (or equivalent use dilution) to be treated. Begin circulation of the product to assure even distribution of the product through the piping systems. Circulate the product for at least 10 minutes after the product has been evenly distributed through the piping system. Drain the entire system. Flush (rinse) the entire system by refilling the entire system with clean fresh water. Rinse all cleaned surfaces with fresh water. Use product within 8 hours after powder has been dissolved in water.

### 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:** 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. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. If not emptied in this manner, the bag may be considered an acute hazardous waste and must be disposed in accordance with local, state and federal regulations. When completely empty, offer for recycling if available or dispose of bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



**STERILEX®**  
Innovative Solutions for Microbial Control

#### 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

Revision: 12022020

**NET CONTENTS:  
400 LB**