COMPONENTS: FortiGuard™ is for use as a non-food contact surface sanitizer, or as a disinfectant, on hard, nonporous surfaces in a variety of premises, including but not limited to: barns, farm premises, dairy farms, swine farms, poultry and turkey farms, hatcheries, veterinary facilities, and animal care facilities.

Powered by Patented PerQuat® Technology | Apply as Solid Sanitizer
Solid Floor Sanitizer | Solid Foot Mat, Floor Mat and Boot Sanitizer | Solid Animal Premise Sanitizer | Broad Spectrum Disinfectant Effective Against Avian Influences | Virucidal | For Use in Low Moisture Environments | No Pre-Dilution Necessary | No Need for External Drain

ACTIVE INGREDIENTS:
N-Alkyl (C9–12, C14–16, C18–20) dimethyl benzyl ammonium chloride.................................................................................. 1.9%
Sodium Carbonate Peroxyhydrate .................................................................................................................................................. 12.1%
Other Inrogredients .................................................................................................................................................................. 86.0%
TOTAL .................................................................................................................................................................................................................. 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER: Corrosive 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 eyeglasses (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 and wash contaminated clothing before reuse.

FIRST AID
IF IN EYES: Hold eye open and rinse slowly and gently with water for at least 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 all 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.

STORAGE AND DISPOSAL
Do not contaminate water, food, or by feed or 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: Pesticides wastes are acutely hazardous. Improper disposal of excess pesticide, pesticide 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 for information on pesticide waste disposal.

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 pouch into equipment application by shaking and tapping side-to-side 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 of in accordance with local, state and federal regulations. When completely empty, discard packet in trash.

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
FortiGuard eliminates 99.9% of the following bacteria in 5 minutes on hard surfaces: nonporous, 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 1070B), Salmonella enterica serovar Enteritidis (ATCC 13076), Clostridium septicum (ATCC 29204), Campylobacter jejuni (ATCC 29942) and Mycoplasma gallisepticum (ATCC 19610).

APPLICATION INSTRUCTIONS FOR USE AS A FLOOR SANITIZER: After cleaning and sanitizing equipment, spread FortiGuard evenly to the floor surface, as a thin film, at a minimum rate of 3.7 to 100 square feet of floor surface containing no more than 0.79 oz of moisture per square foot. If moisture amount exceeds 0.97 oz per square foot, the minimum spread rate of FortiGuard must increase to support a minimum concentration of 4.9 oz of FortiGuard per gallon of water. Product may be re-applied as needed.

APPLICATION INSTRUCTIONS FOR USE AS A SANITIZER IN A FLOOR MAT, FOOT PAN: Apply FortiGuard evenly to the foot pan, floor mat surface, as a thin film, at a minimum rate of 3.7 oz per 100 square feet of surface containing no more than 0.97 oz of moisture per square foot. If moisture amount exceeds 0.97 oz per square foot, the minimum spread rate of FortiGuard must increase to support a minimum concentration of 4.9 oz of FortiGuard per gallon of water. Ensure complete coverage of the bottom of the floor mat or foot pan and re-apply product as necessary.

GENERAL DISINFECTION AND CLEANING DIRECTIONS FOR HARD NON-POROUS SURFACES
FortiGuard is a broad spectrum disinfectant when applied at a rate of 1.34–1.67 lb FortiGuard per gallon of water (or equivalent dilution). FortiGuard was tested using the 2013 AOAC U.S.-U.K. Test Method 2.0 for the following microorganisms: Escherichia coli (ATCC 13048), Staphylococcus aureus (ATCC 6538) and Salmonella enterica (ATCC 1070B).

APPLICATION INSTRUCTIONS: Remove visible soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-shave, or pre-scrub and, if necessary, presoak. Mix 1.34–1.67 lb FortiGuard per gallon of water (or equivalent dilution). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing or spraying with a coarse trigger sprayer, spraying 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.

TIVIRUSES
FortiGuard is effective against the following viruses on hard, nonporous surfaces at a rate of 0.92–1.15 lb FortiGuard per gallon of water (or equivalent dilution), with a 10 minute contact time in the presence of 400 ppm hard water: Asian influenza A, Feline calicivirus, Norovirus and Rotavirus.

APPLICATION INSTRUCTIONS: Remove visible soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-shave, or pre-scrub and, if necessary, presoak. Mix 0.92–1.15 lb FortiGuard per gallon of water (or equivalent dilution). Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing or spraying with a coarse trigger sprayer, spraying 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.

Not approved for sale or distribution in California or New York.

Revision: 08/17/2020

EPA Reg. No.: 65761-10
EPA Est. No.: 66379-OK-1

Made in USA
DANGER
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENTS:
N-Alkyl (C_{14}, 95%, C_{12}, 3%, C_{16}, 2%) dimethyl benzyl ammonium chloride .......................................................... 1.9%
Sodium Carbonate Peroxyhydrate ............................................................................................................................. 12.1%
Other Ingredients ..................................................................................................................................................... 86.0%
TOTAL .................................................................................................................................................................... 100.0%

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.

See box label for precautionary statements and directions for use.
Call 1.800.511.1659 or 443.541.8800 for technical information.

Not approved for sale or distribution in California or New York.
**FortiGuard™** is for use as a non-food contact surface sanitizer, or as a disinfectant, on hard, nonporous surfaces in a variety of premises, including but not limited to drains, farm premises, dairy farms, swine farms, poultry and turkey farms, hatcheries, veterinary facilities and animal care facilities.

**Using Patented PerQuat® Technology | Apply as Solid Sanitizer**

FortiGuard™ is for use as a non-food contact surface sanitizer, or as a disinfectant, on hard, nonporous surfaces in a variety of premises, including but not limited to drains, farm premises, dairy farms, swine farms, poultry and turkey farms, hatcheries, veterinary facilities and animal care facilities.

**ACTIVE INGREDIENTS:**

N-Alkyl (C_{14} 95%, C_{12} 3%, C_{16} 2%) dimethyl benzyl ammonium chloride......1.9%
Sodium Carbonate Peroxyhydrate...........................................................12.1%
Other Ingredients....................................................................................86.0%
TOTAL ....................................................................................................100.0%

**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 and wash contaminated 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.

**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.
FortiGuard is a broad spectrum disinfectant when applied at a rate of 1.34–1.67 lb FortiGuard per gallon of water (or equivalent use dilution). FortiGuard 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 soil 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 FortiGuard 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**

FortiGuard is effective against the following viruses on hard, non-porous surfaces at a rate of 0.92–1.15 lb FortiGuard 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 soil 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 FortiGuard 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.

FortiGuard is effective against the following viruses on hard, non-porous surfaces at a rate of 1.69–2.12 lb FortiGuard 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, infectious laryngotracheitis virus.

**APPLICATION INSTRUCTIONS**: Pre-clean all surfaces by removing visible soil 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 FortiGuard 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.
**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-POURUS, INANIMATE, NON-FOOD CONTACT SURFACES**

FortiGuard 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), Colibacther sakazakii (ATCC 29902), Campylobacter jejuni (ATCC 29922) and Mycoplasma gallisepticum (ATCC 19610).

**APPLICATION INSTRUCTIONS FOR USE AS A FLOOR SANITIZER**

After cleaning and sanitizing equipment, spread FortiGuard evenly to the floor surface, at a minimum rate of 0.37 fl oz per 100 square feet of floor surface containing more than 0.97 fl oz of moisture per square foot. If moisture amount exceeds 0.97 fl oz per square foot, the minimum spread rate of FortiGuard must increase to support a minimum concentration of 4.9 oz FortiGuard per gallon of water. Product may be re-applied as needed.

**APPLICATION INSTRUCTIONS FOR USE AS A SANITIZER IN A FLOOR MAT, FOOT PAN**

Apply FortiGuard evenly to the foot pan, floor mat surface, at a minimum rate of 0.37 fl oz per 100 square feet of surface containing no more than 0.97 fl oz of moisture per square foot. If moisture amount exceeds 0.97 fl oz per square foot, the minimum spread rate of FortiGuard must increase to support a minimum concentration of 4.9 oz FortiGuard per gallon of water. Ensure complete coverage of the bottom of the floor mat or foot pan and re-apply product as necessary.

**GENERAL DISINFECTION AND CLEANING DIRECTIONS FOR HARD NON-SURFACES**

FortiGuard is a broad spectrum disinfectant when applied at a rate of 1.34–1.67 lb FortiGuard per gallon of water (or equivalent use dilution). FortiGuard was tested using the 2013 AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water against: Pseudomonas aeroginosa (ATCC 15442), Staphylococcus aureus (ATCC 6538) and Salmonella enterica (ATCC 10078).

**APPLICATION INSTRUCTIONS**

Remove visible soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrub and, if necessary, presoak. Mix 1.34–1.67 lb FortiGuard 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 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 presoak has been dissolved in water.

**1. VIRUSES**

FortiGuard is effective against the following viruses on hard, non-porous surfaces at a rate of 0.92–1.15 lb FortiGuard 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 caliciavirus, Norovirus and Rotavirus.

**APPLICATION INSTRUCTIONS**

Remove visible soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrub and, if necessary, presoak. Mix 0.92–1.15 lb FortiGuard 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 presoak has been dissolved in water.

**FORTIWARD IS EFFECTIVE AGAINST THE FOLLOWING VIRUSES ON HARD, NON-POROUS SURFACES AT A RATE OF 1.69–2.12 LB FORTIWARD PER GALLON OF WATER (OR EQUIVALENT USE DILUTION), WITH A 10 MINUTE CONTACT TIME IN THE PRESENCE OF 4000 RPM HARD WATER: PED VIRUS, PORCINE RESPIRATORY & RESPIRATORY SYNDROME VIRUS (PRRS), NEWCASTLE DISEASE VIRUS, INFECTIOUS LAYING TRACHES ORIA (ILT)

**APPLICATION INSTRUCTIONS**

Remove all surfaces by visible removing soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrub and, if necessary, presoak. Mix 1.69–2.12 lb FortiGuard 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 presoak has been dissolved in water.

Net approved for sale or distribution in California or New York.

Revision: 08/2020

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**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

Caution: 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 and wash contaminated 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.

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.

**NOT TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**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 washwater 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 use 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 the bag bottom to remove clinging particles if not emptied in this manner, the bag may be considered an acutely 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.

**Innovative Solutions for Food Contact Management**

Manufactured for
Steris
111 Lake Front Drive
Hunt Valley, MD 21030-2216

EPA Reg. No.: 63761-10
Made in USA

Call 443.541.8800
Toll Free 1.800.511.1659
for technical information.
**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**

FortiGuard 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 10706), Cronobacter sakazakii (ATCC 29922), Campylobacter jejuni (ATCC 29922) and Mycobacteria gallinaceum (ATCC 19140).

**APPLICATION INSTRUCTIONS FOR USE AS A FLOOR SANITIZER**

After cleaning and sanitizing equipment, spread FortiGuard evenly to the floor surface, at a minimum rate of 0.3 oz per 100 square feet of floor surface containing no more than 0.97 fl oz of moisture per square foot. If moisture amount exceeds 0.97 fl oz per square foot, the minimum spread rate of FortiGuard must increase to support a minimum concentration of 4.9 oz FortiGuard per gallon of water. Product may be re-applied as needed.

**APPLICATION INSTRUCTIONS FOR USE AS A SANITIZER IN A FLOOR MAT, FOOT PAN**

Apply FortiGuard evenly to the foot pan, floor mat surface, at a minimum rate of 0.3 oz per 100 square feet of floor surface containing no more than 0.97 fl oz of moisture per square foot. If moisture amount exceeds 0.97 fl oz per square foot, the minimum spread rate of FortiGuard must increase to support a minimum concentration of 4.9 oz FortiGuard per gallon of water. Ensure complete coverage of the bottom of the floor mat or foot pan and re-apply product as necessary.

**GENERAL DISINFECTION AND CLEANING DIRECTIONS FOR HARD NON-SURFACE NON-FORMER SURFACES**

FortiGuard is a broad spectrum disinfectant when applied at a rate of 1.34–1.67 lb FortiGuard per gallon of water (or equivalent dilution). FortiGuard was tested using the 2013 AACIC 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 soil 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 FortiGuard 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 or mopping it through the system or mopping. In CIP systems, full flow/pump 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 potter has been dissolved in water.

**1 VIRUSES**

FortiGuard is effective against the following viruses on hard, non-porous surfaces at a rate of 0.92–1.15 lb FortiGuard 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 soil 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 FortiGuard 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 pumping it through the system or mopping. In CIP systems, full flow/pump 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 potter has been dissolved in water.

**APPLICATION INSTRUCTIONS**

FortiGuard is effective against the following viruses on hard, non-porous surfaces at a rate of 1.69–2.12 lb FortiGuard 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 respiratory and reproductive syndrome virus (PRRS), Newcastle disease virus, infectious laryngotracheitis virus.

**APPLICATION INSTRUCTIONS**

Remove all visible soil 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 FortiGuard 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 pumping it through the system, or mopping. In CIP systems, full flow/pump 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 potter has been dissolved in water.

**NOT APPROVED FOR SALE OR DISTRIBUTION IN CALIFORNIA OR NEW YORK**

Revision: 08/26/2020