

PRODUCT NO.

20110016

FortiSolve™ 100



PART 1 OF 2



For disinfection and non-food contact sanitization for public health uses, this is part one of a two-part product and must be used with FortiSolve™ 200.

For biocide and non-public health use sites, the use of FortiSolve 200 may not be required.

Please consult the directions for use for specific instructions.

## Powered by Patented PerQuat® Technology

One-Step Disinfectant | Cleaner | Sanitizer

### KILLS:

*Escherichia coli* O157:H7  
*Campylobacter jejuni*  
*Zygosaccharomyces parabaillii*  
*Aspergillus niger*

*Listeria monocytogenes*  
*Staphylococcus aureus* (Methicillin Resistant)  
*Staphylococcus aureus*  
*Salmonella enterica*  
*Salmonella enterica* serovar Enteritidis

*Salmonella enterica* serovar Heidelberg  
*Trichophyton mentagrophytes*  
*Enterobacter aerogenes*  
*Pseudomonas aeruginosa*  
*Cronobacter sakazakii*  
Avian influenza

PED virus  
Feline calicivirus  
Norovirus  
Rotavirus  
Newcastle disease virus  
PRRS virus

### ACTIVE INGREDIENTS:

n-Alkyl (C <sub>14</sub> 60%, C <sub>16</sub> 30%, C <sub>12</sub> 5%, C <sub>18</sub> 5%) dimethylbenzylammonium chloride.....	3.00%
n-Alkyl (C <sub>12</sub> 68%, C <sub>14</sub> 32%) dimethylethylbenzylammonium chloride .....	3.00%
Hydrogen Peroxide .....	6.30%
Inert Ingredients .....	87.70%
<b>TOTAL</b> .....	<b>100.00%</b>

## KEEP OUT OF REACH OF CHILDREN

# DANGER

See side panel for additional precautionary statements.



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.: 63761-8

### DOT Shipping Name:

UN1760, Corrosive liquids, N.O.S  
(Quaternary ammonium compounds) 8, PG III

**NET CONTENTS:**  
**2.5 GALLONS**

### 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 eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes.

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

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles and or face shield, protective clothing and rubber gloves when handling. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS:** When exposed to fire, FortiSolve 100 may release oxygen and oxides of carbon and/or nitrogen.

### PHYSICAL AND CHEMICAL HAZARDS

When exposed to fire, FortiSolve 100 may release oxygen and oxides of carbon and/or nitrogen.

### DIRECTIONS FOR USE (See Directions for Use Booklet)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For disinfection and non-food contact sanitization for public health uses, this is part one of a two-part product and must be used with FortiSolve 200. For biocide and non-public health use sites, the use of FortiSolve 200 may not be required. Please consult the directions for use for specific instructions.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep product in closed original container when not in use. Store in a cool area away from potential sources of heat, open flames, sunlight or other chemicals. Store product below 90°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or 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. If rinsate cannot be used, follow pesticide disposal instructions. If not triple or pressure rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations. Triple rinse or pressure wash container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

PRODUCT NO.

# 30110009

# FortiSolve™ 100

PART 1 OF 2

## A 2-Part Solution



For disinfectant and public health use sites, this is part one of a two-part product and must be used with FortiSolve™ 200.

For biocide and non-public health use sites, the use of FortiSolve 200 may not be required.

Not approved for sale or distribution in California.

## Powered by Patented PerQuat® Technology

### One-Step Disinfectant | Cleaner | Sanitizer

<b>KILLS:</b>	<i>Staphylococcus aureus</i>	Avian influenza
<i>Escherichia coli</i> O157:H7	<i>Salmonella enterica</i>	PED virus
<i>Campylobacter jejuni</i>	<i>Salmonella enterica</i> serovar Enteritidis	Feline calicivirus
<i>Zygosaccharomyces parabailli</i>	<i>Salmonella enterica</i> serovar Heidelberg	Norovirus
<i>Aspergillus niger</i>	<i>Trichophyton mentagrophytes</i>	Rotavirus
<i>Listeria monocytogenes</i>	<i>Enterobacter aerogenes</i>	Newcastle disease virus
<i>Staphylococcus aureus</i> (Methicillin Resistant)	<i>Pseudomonas aeruginosa</i>	PRRS virus
	<i>Cronobacter sakazakii</i>	

<b>ACTIVE INGREDIENTS:</b>		
n-Alkyl (C <sub>14</sub> 60%, C <sub>16</sub> 30%, C <sub>12</sub> 5%, C <sub>18</sub> 5%) dimethylbenzylammonium chloride.....		3.00%
n-Alkyl (C <sub>12</sub> 68%, C <sub>14</sub> 32%) dimethylethylbenzylammonium chloride .....		3.00%
Hydrogen Peroxide .....		6.30%
Inert Ingredients .....		87.70%
<b>TOTAL</b> .....		<b>100.00%</b>

Please consult the directions for use for specific instructions.

Revision: 12302020

## KEEP OUT OF REACH OF CHILDREN DANGER

See side panel for additional precautionary statements.

### 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 eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes.

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

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles and or face shield, protective clothing and rubber gloves when handling. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS:** When exposed to fire, FortiSolve 100 may release oxygen and oxides of carbon and/or nitrogen.

### DIRECTIONS FOR USE (See Directions for Use Booklet)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For disinfectant and public health use sites, this is part one of a two-part product and must be used with FortiSolve 200. For biocide and non-public health use sites, the use of FortiSolve 200 may not be required. Please consult the directions for use for specific instructions.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep product in closed original container when not in use. Store in a cool area away from potential sources of heat, open flames, sunlight or other chemicals. Store product below 90°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or 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. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations. Triple rinse or pressure wash container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.



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.: 63761-8

## NET CONTENTS: 5 GALLONS



PRODUCT NO.

# 30110010

# FortiSolve™ 100

PART 1 OF 2

## A 2-Part Solution



For disinfectant and public health use sites, this is part one of a two-part product and must be used with FortiSolve™ 200.

For biocide and non-public health use sites, the use of FortiSolve 200 may not be required.

Not approved for sale or distribution in California.

### Powered by Patented PerQuat® Technology

### One-Step Disinfectant | Cleaner | Sanitizer

<b>KILLS:</b>	<i>Staphylococcus aureus</i>	Avian influenza
<i>Escherichia coli</i> O157:H7	<i>Salmonella enterica</i>	PED virus
<i>Campylobacter jejuni</i>	<i>Salmonella enterica</i> serovar Enteritidis	Feline calicivirus
<i>Zygosaccharomyces parabailli</i>	<i>Salmonella enterica</i> serovar Heidelberg	Norovirus
<i>Aspergillus niger</i>	<i>Trichophyton mentagrophytes</i>	Rotavirus
<i>Listeria monocytogenes</i>	<i>Enterobacter aerogenes</i>	Newcastle disease virus
<i>Staphylococcus aureus</i> (Methicillin Resistant)	<i>Pseudomonas aeruginosa</i>	PRRS virus
	<i>Cronobacter sakazakii</i>	

<b>ACTIVE INGREDIENTS:</b>		
n-Alkyl (C <sub>14</sub> 60%, C <sub>16</sub> 30%, C <sub>12</sub> 5%, C <sub>18</sub> 5%) dimethylbenzylammonium chloride.....		3.00%
n-Alkyl (C <sub>12</sub> 68%, C <sub>14</sub> 32%) dimethylethylbenzylammonium chloride .....		3.00%
Hydrogen Peroxide .....		6.30%
Inert Ingredients .....		87.70%
<b>TOTAL</b> .....		<b>100.00%</b>

Please consult the directions for use for specific instructions.

Revision: 12302020

## KEEP OUT OF REACH OF CHILDREN DANGER

See side panel for additional precautionary statements.

### 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 eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes.

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

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles and or face shield, protective clothing and rubber gloves when handling. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS:** When exposed to fire, FortiSolve 100 may release oxygen and oxides of carbon and/or nitrogen.

### DIRECTIONS FOR USE (See Directions for Use Booklet)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For disinfectant and public health use sites, this is part one of a two-part product and must be used with FortiSolve 200. For biocide and non-public health use sites, the use of FortiSolve 200 may not be required. Please consult the directions for use for specific instructions.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep product in closed original container when not in use. Store in a cool area away from potential sources of heat, open flames, sunlight or other chemicals. Store product below 90°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or 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. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations. Triple rinse or pressure wash container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the containers on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

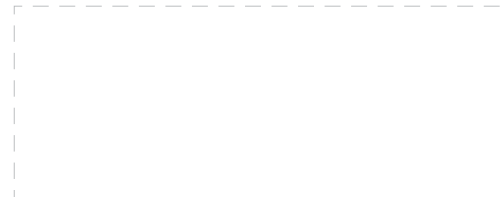


Manufactured for:  
Sterilex  
111 Lake Front Drive  
Hunt Valley, MD 21030-2216

Call 1.800.511.1659  
or 443.541.8800 for  
technical information.

EPA Reg. No.: 63761-8

### NET CONTENTS: 55 GALLONS



PRODUCT NO.

# 30110010

# FortiSolve™ 100

PART 1 OF 2



Read front panel label and booklet for directions for use, first aid and precautionary statements.

PRODUCT NO.

# 30110011

# FortiSolve™ 100

PART 1 OF 2

## A 2-Part Solution



For disinfectant and public health use sites, this is part one of a two-part product and must be used with FortiSolve™ 200.

For biocide and non-public health use sites, the use of FortiSolve 200 may not be required.

Not approved for sale or distribution in California.

### Powered by Patented PerQuat® Technology

### One-Step Disinfectant | Cleaner | Sanitizer

<b>KILLS:</b>	<i>Staphylococcus aureus</i>	Avian influenza
<i>Escherichia coli</i> O157:H7	<i>Salmonella enterica</i>	PED virus
<i>Campylobacter jejuni</i>	<i>Salmonella enterica</i> serovar Enteritidis	Feline calicivirus
<i>Zygosaccharomyces parabaailii</i>	<i>Salmonella enterica</i> serovar Heidelberg	Norovirus
<i>Aspergillus niger</i>	<i>Trichophyton mentagrophytes</i>	Rotavirus
<i>Listeria monocytogenes</i>	<i>Enterobacter aerogenes</i>	Newcastle disease virus
<i>Staphylococcus aureus</i> (Methicillin Resistant)	<i>Pseudomonas aeruginosa</i>	PRRS virus
	<i>Cronobacter sakazakii</i>	

<b>ACTIVE INGREDIENTS:</b>		
n-Alkyl (C <sub>14</sub> 60%, C <sub>16</sub> 30%, C <sub>12</sub> 5%, C <sub>18</sub> 5%) dimethylbenzylammonium chloride.....		3.00%
n-Alkyl (C <sub>12</sub> 68%, C <sub>14</sub> 32%) dimethylethylbenzylammonium chloride .....		3.00%
Hydrogen Peroxide .....		6.30%
Inert Ingredients .....		87.70%
<b>TOTAL</b> .....		<b>100.00%</b>

Please consult the directions for use for specific instructions.

Revision: 12302020

## KEEP OUT OF REACH OF CHILDREN DANGER

See side panel for additional precautionary statements.

### 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 eye.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes.

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

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles and or face shield, protective clothing and rubber gloves when handling. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS:** When exposed to fire, FortiSolve 100 may release oxygen and oxides of carbon and/or nitrogen.

### DIRECTIONS FOR USE (See Directions for Use Booklet)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For disinfectant and public health use sites, this is part one of a two-part product and must be used with FortiSolve 200. For biocide and non-public health use sites, the use of FortiSolve 200 may not be required. Please consult the directions for use for specific instructions.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Keep product in closed original container when not in use. Store in a cool area away from potential sources of heat, open flames, sunlight or other chemicals. Store product below 90°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray or 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. If rinsate cannot be used, follow pesticide disposal instructions. If not triple rinsed these containers are acute hazardous wastes and must be disposed in accordance with local, state and federal regulations. Triple rinse or pressure wash container (or equivalent) promptly after emptying.

**Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the containers on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

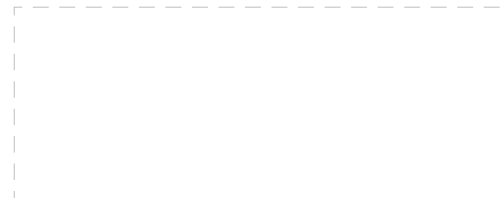


Manufactured for:  
Sterilex  
111 Lake Front Drive  
Hunt Valley, MD 21030-2216

Call 1.800.511.1659  
or 443.541.8800 for  
technical information.

EPA Reg. No.: 63761-8

### NET CONTENTS: 275 GALLONS



PRODUCT NO.

# 30110011 FortiSolve™ 100

PART 1 OF 2



Read front panel label and booklet for directions for use, first aid and precautionary statements.

# FortiSolve™ 100

A 2-Part Solution



## Directions for Use Booklet

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

For disinfection and sanitization for public health uses, this is part one of a two-part product and must be used with FortiSolve™ 200.

**Please consult the directions for use for specific instructions.**

*Not approved for sale or distribution in California.*

**FortiSolve 100, when mixed with FortiSolve 200, is for use on washable hard, nonporous surfaces in:**

Federally inspected food processing facilities, federally inspected meat and poultry plants, dairy farms, swine farms, poultry and turkey farms, farm premises, hatcheries, brooders, kennels, pet animal quarters, animal laboratories, veterinary facilities, animal care facilities.

## PRECLEANING INSTRUCTIONS (OPTIONAL STEP)

Although **FortiSolve 100** provides one-step cleaning and disinfection, precleaning may be desired for some areas, articles and surfaces in certain cases. Prepare a precleaning solution by adding 1–12.8 fl oz of **FortiSolve 100** and an equivalent amount of FortiSolve 200 per 1 gallon of water, depending on the level of gross soil to be precleaned. Clean surfaces with precleaning solution by pouring, wiping, brushing, scrubbing, foaming, spraying with a coarse trigger sprayer, sponging, immersing, pumping it through the system, drawing it through the system or mopping. Rinse all food contact surfaces thoroughly with a potable water rinse.

## DISINFECTION

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

**FortiSolve 100**, when mixed with FortiSolve 200, is a one-step, hospital-use disinfectant at 12.8–16.0 fl oz of **FortiSolve 100** and 12.8–16.0 fl oz of FortiSolve 200 per gallon of water (1:1:10–1:1:8), or equivalent use dilution. Bactericidal according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus organic soil against:

*Pseudomonas aeruginosa (Pseudomonas)* (ATCC 15442)

*Staphylococcus aureus (Staph)* (ATCC 6538)

*Staphylococcus aureus* – Methicillin Resistant (ATCC 33591) (MRSA)

*Salmonella enterica (Salmonella)* (ATCC 10708)

*Salmonella enterica* subspecies *enterica* serovar Enteritidis (S. Enteritidis) (ATCC 13076)

*Salmonella enterica* subspecies *enterica* serovar Heidelberg (S. Heidelberg) (ATCC 8326)

*Escherichia coli* O157:H7 (ATCC 35150)

*Listeria monocytogenes* (ATCC 19111)

*Campylobacter jejuni* (ATCC 29428)

*Cronobacter sakazakii* (ATCC 29004)

## APPLICATION INSTRUCTIONS

To clean and disinfect in one step, remove gross soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. Mix 12.8–16.0 fl oz of **FortiSolve 100** and 12.8–16.0 fl oz of FortiSolve 200 per gallon of water. Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, foaming, spraying with a coarse trigger sprayer, sponging, pumping it through the system, drawing it through the system, mopping or immersion. For sprayer applications, use a coarse pump or trigger sprayer. Spray 6-9 inches from surface. Do not breathe spray. Allow surfaces to remain wet for at least 10 minutes. Rinse all food contact surfaces thoroughly with a potable water rinse. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200. For initial start-up, repeat on all surfaces for 3-5 consecutive treatments. For routine maintenance applications treat all surfaces 1 time a week, or as needed to maintain environmental counts.

## DISINFECTION AND SANITIZATION OF VETERINARY FACILITIES, ANIMAL CARE FACILITIES, ANIMAL LABORATORIES, FARM AND DAIRY FARM PREMISES, SWINE PREMISES, FARM AND DAIRY FARM PREMISE EQUIPMENT, SWINE PREMISE EQUIPMENT, SICK ANIMAL BARN

Remove all animals and feed from premises/room/barn/building, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Optionally, preclean surfaces per the Precleaning Instructions. Saturate all surfaces with a solution of **FortiSolve 100** and FortiSolve 200, as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Ventilate buildings, cars, boats and other closed spaces. Allow to air dry. Do not house livestock or employ equipment until treatment has been absorbed, set, or dried. Rinse food contact surfaces with potable water before reuse. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

## DISINFECTION OF POULTRY PREMISES, POULTRY EQUIPMENT, BROODERS AND HATCHERIES

Remove all poultry and feeds from premises, trucks, coops, and crates. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by poultry. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Optionally, preclean surfaces per the Precleaning Instructions. Saturate surfaces with the **FortiSolve 100** and FortiSolve 200, as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Ventilate buildings, coops, and other closed spaces. Allow to air dry. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. Rinse food contact surfaces with potable water before reuse.

Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

## SANITIZING AND BIOFILM REMOVAL\* IN NON-POROUS ANIMAL DRINKING LINES

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



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

EPA Reg. No.: 63761-8

Call 1.800.511.1659  
or 443.541.8800 for  
technical information.

Revision: 12302020

# FortiSolve™ 100

A 2-Part Solution



Ensure all animals are removed from the premises. Apply sanitizing solution to the lines by adding 2–4 fl oz of **FortiSolve 100** and 2–4 fl oz of FortiSolve 200 per gallon of water (1:1:64–1:1:32), or equivalent use dilution, to the drinking water system. Fill the system by pumping it through the system or drawing it through the system. Make sure there is enough solution to fill the lines. Trigger drinkers to ensure solution flows over the nipple. If a drinker is not working, continue to trigger it until water flows freely. Allow surfaces to remain wet for at least 3 minutes. Flush system thoroughly with a potable water rinse.

Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

\*Biofilm removal claim is not approved in California. Biofilm removal claim for non-public health uses only.

## DISINFECTION AND BIOFILM REMOVAL\* IN NON-POROUS ANIMAL DRINKING LINES

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

Ensure all animals are removed from the premises. Apply solution to the lines by adding 12.8–16.0 fl oz of **FortiSolve 100** and 12.8–16.0 fl oz of FortiSolve 200 per gallon of water (1:1:10–1:1:8), or equivalent use dilution, to the drinking water system. Fill the system by pumping it through the system or drawing it through the system. Make sure there is enough solution to fill the lines. Trigger drinkers to ensure solution flows over the nipple. If a drinker is not working, continue to trigger it until water flows freely. Allow surfaces to remain wet for at least 10 minutes. Flush system thoroughly with a potable water rinse.

Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

\*Biofilm removal claim is not approved in California. Biofilm removal claim for non-public health uses only.

## §VIRUSES

**FortiSolve 100**, when mixed with FortiSolve 200, is effective against the following viruses on hard, non-porous inanimate surfaces in one step at the concentrations listed in the table below, with a 10 minute contact time in the presence of 400 ppm hard water and organic soil.

Virus	Concentration
Feline calicivirus	12.8–16.0 oz of <b>FortiSolve 100</b> and 12.8–16.0 oz of FortiSolve 200 per gallon of water (1:1:10–1:1:8)
Norovirus	
Rotavirus	
Newcastle disease virus	
Porcine respiratory & reproductive syndrome (PRRS) virus	

## Avian Influenza

**FortiSolve 100**, when mixed with FortiSolve 200, is effective against Avian influenza A on hard, non-porous inanimate surfaces in one step at 2–4 fl oz of **FortiSolve 100** and 2–4 fl oz of FortiSolve 200 per gallon of water (1:1:64–1:1:32), with a 5 minute contact time in the presence of 400 ppm hard water and organic soil. Remove gross soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. Mix 2–4 fl oz of **FortiSolve 100** and 2–4 fl oz of FortiSolve 200 per gallon of water. Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, foaming spraying with a coarse trigger sprayer, sponging, pumping it through the system, drawing it through the system or mopping. Allow surfaces to remain wet for at least 5 minutes. Do not breathe spray. Rinse all food contact surfaces thoroughly with a potable water rinse. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

## PED Virus

**FortiSolve 100**, when mixed with FortiSolve 200, is effective against Porcine epidemic diarrhea virus (PEDv) on hard, inanimate surfaces at 12.8–16.0 fl oz of **FortiSolve 100** and 12.8–16.0 fl oz of FortiSolve 200 per gallon of water (1:1:10–1:1:8), or equivalent use dilution, with a 10 minute contact time in the presence of 400 ppm hard water. Remove gross soil from all areas, articles and surfaces to be disinfected using a pre-clean, pre-flush, or pre-scrape and, if necessary, presoak. Mix 12.8–16.0 fl oz of **FortiSolve 100** and 12.8–16.0 fl oz of FortiSolve 200 per gallon of water. Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, foaming spraying with a coarse trigger sprayer, sponging, pumping it through the system, drawing it through the system or mopping. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all food contact surfaces thoroughly with a potable water rinse. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

## FUNGISTAT/MILDEWSTAT

**FortiSolve 100**, when mixed with FortiSolve 200, controls the growth of mold and mildew organisms (*Aspergillus niger*) and the odors they cause on hard, non-porous surfaces in one step at 12.8–16.0 fl oz of FortiSolve 100 and 12.8–16.0 fl oz of FortiSolve 200 per gallon of water (1:1:10–1:1:8), or equivalent use dilution, according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus organic soil.

## DISINFECTION AND SANITIZATION OF DRAINS, TRENCH DRAINS, FLOOR DRAINS AND OTHER HARD, NON-POROUS DRAIN SURFACES

Apply **FortiSolve 100** and FortiSolve 200 as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Optionally, preclean surfaces per the Precleaning Instructions. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

# FortiSolve™ 100

## A 2-Part Solution



### FOGGING

**FortiSolve 100**, when mixed with FortiSolve 200, controls odors in hatcheries, farms, animal health facilities, food plants, and other use sites when applied at a rate of 2–16 fl oz **FortiSolve 100** and 2–16 fl oz FortiSolve 200 per gallon of water.

People, animals, food products, and packaging material must be removed from the room/barn/building or carefully protected prior to fogging. All surfaces must be cleaned and disinfected in accordance with label directions prior to fogging. The area must be vacated of all personnel during fogging and for a minimum of 2 hours after fogging. All food contact surfaces must be thoroughly rinsed with potable water prior to reuse.

Fog desired areas using 1 gallon per 4000 cubic feet of room area with a solution containing 2–16 fl oz **FortiSolve 100** and 2–16 fl oz FortiSolve 200 to 1 gallon of water (1:1:64–1:1:8), or equivalent use dilution. following fogger manufacturer's directions for use. Use product within 8 hours of mixing FortiSolve 100 and FortiSolve 200.

**NOTE:** The fog generated is irritating to the eyes, skin and mucous membranes. No one is allowed to enter the room or building within two hours of the actual fogging under any circumstances. If the room or building must be entered, then the individuals must wear a self-contained respirator approved by NIOSH/MSHA, goggles, long sleeves and long pants. All surfaces must be cleaned and disinfected in accordance with label directions prior to fogging.

Do not use thermal foggers with this product.

### HEAVY DUTY SOIL REMOVAL APPLICATION INSTRUCTIONS

Preclean surfaces per the Precleaning Instructions. Mix 64.0 fl. oz. of **FortiSolve 100** and 64.0 fl oz of FortiSolve 200 per gallon of water (1:1:2), or equivalent use dilution. Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, spraying, sponging, mopping, or immersion. Allow surfaces to remain wet for at least 10 minutes. Do not breathe spray. Rinse all food contact surfaces thoroughly with a potable water rinse. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200. For a more concentrated option, prepare a 1:1 solution by mixing equal parts **FortiSolve 100** and FortiSolve 200.

### KILLS BIOFILM BACTERIA

**FortiSolve 100**, when mixed with FortiSolve 200, effectively penetrates biofilm and kills the following biofilm bacteria:

*Pseudomonas aeruginosa* (*Pseudomonas*) (ATCC 15442)  
*Staphylococcus aureus* (*Staph*) (ATCC 6538)

### APPLICATION INSTRUCTIONS

Apply **FortiSolve 100** and FortiSolve 200 as a disinfectant, per the Heavy Duty Soil Removal Application Instructions. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

### SPOILAGE ORGANISMS

**FortiSolve 100**, when mixed with FortiSolve 200 kills the following spoilage organisms on hard, non-porous inanimate surfaces in one step at the concentrations listed in the table below, according to the current AOAC Use-Dilution Test Method modified in the presence of 400 ppm hard water plus organic soil.

Spoilage Organism	Concentration
<i>Zygosaccharomyces parvii</i> (ATCC 56075)	4–8 oz of <b>FortiSolve 100</b> and 4–8 oz of FortiSolve 200 per gallon of water (1:1:32–1:1:16)
<i>Trichophyton mentagrophytes</i> (ATCC 9533)	12.8–16.0 oz of <b>FortiSolve 100</b> and 12.8–16.0 oz of FortiSolve 200 per gallon of water (1:1:10–1:1:8)

### GENERAL SANITIZATION DIRECTIONS

**FortiSolve 100**, when mixed with FortiSolve 200, reduces the following bacteria by 99.9% in 3 minutes according to the Standard Test Method for Efficacy of Sanitizers Recommended for Inanimate Non-Food Contact Surfaces:

*Enterobacter aerogenes*  
*Staphylococcus aureus*

### SANITIZING DIRECTIONS FOR NON-FOOD CONTACT SURFACES

Add 2–4 fl oz of **FortiSolve 100** and 2–4 fl oz of FortiSolve 200 to 1 gallon of water (1:1:64–1:1:32) (or equivalent use dilution) to sanitize hard, non-porous surfaces. Apply sanitizer use solution to pre-cleaned, hard, non-porous surfaces using a cloth, mop, sponge, sprayer or foaming device. Thoroughly wet surfaces by pouring, wiping, brushing, scrubbing, foaming, sponging, pumping it through the system, drawing it through the system, mopping or by immersion. For sprayer applications, use a coarse pump or trigger sprayer. Spray 6–9 inches from surfaces. Do not breathe spray. Treated surfaces must remain wet for 3 minutes, then wipe with sponge, mop or cloth, rinse, or allow to air dry. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

### DISINFECTION AND SANITIZATION OF FOOD PROCESSING EQUIPMENT AND HARD SURFACES IN FOOD PROCESSING FACILITIES

**NOTE:** Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected. Follow all applicable local health and sanitation codes for sanitizing food processing equipment post-disinfection.

Apply **FortiSolve 100** and FortiSolve 200 as a disinfectant, per General One Step Disinfection and Cleaning Directions, or as a sanitizer, per General Sanitization Directions. Optionally, preclean surfaces per the Precleaning Instructions. Rinse food contact surfaces with potable water before reuse. Use product within 8 hours of mixing **FortiSolve 100** and FortiSolve 200.

### Commercial agricultural or industrial water system injection for the oxidation of odors when they form:

In well systems, **FortiSolve 100** is injected with a peristaltic pump through a ¼ inch plastic tube (or other comparable injection system) inserted into the well all the way to the well intake screens. The most distant faucet is tested with a supplied test strip until a residual of 20–25 ppm hydrogen peroxide is detected indicating that the system has been thoroughly treated. The injection pump should then be adjusted to deliver 25 ppm on a consistent basis to the water system. When treating

# FortiSolve™ 100

A 2-Part Solution



the watering system for sick animals, the most distant faucet is tested with a test strip until a residual of 100–1000 ppm hydrogen peroxide is detected indicating that the system has been thoroughly treated. When this level is reached the injection is immediately reduced until the test strip indicates the 25 ppm is reached and the system is maintained at the 25 ppm level. This process can be repeated monthly to ensure a clean water system and avoid screen clogging.

## Biocide and Non-Public Health Uses

For the biocide and non-public health uses below, the use of FortiSolve 200 is not required. FortiSolve 200 may be used as an adjuvant for FortiSolve 100 in biocide and non-public health uses to adjust pH, inhibit corrosion and enhance cleaning.

- Penetrates and removes biofilm and other organic contaminants
- For use as a bactericide, slimicide, mildewstat and algicide
- Controls mold and mildew

## RECIRCULATING COOLING WATER SYSTEMS, INCLUDING COOLING TOWERS, EVAPORATIVE CONDENSERS, EVAPORATIVE COOL CELLS, DAIRY SWEET WATER SYSTEMS AND BREWERY PASTEURIZERS

Effectively removes and controls biofilm, slime, fungi, algae and other organic contaminants in dairy sweet water systems and brewery pasteurizers.

(Biofilm claim not approved in California.)

### DOSAGE RATES

#### Initial Dose for badly fouled systems:

Add 0.5 to 4 gal (500–4000 ppm) FortiSolve 100 per 1000 gallons of water in the system. If cleaning is desired or if the pH of the system is below 8, optionally add simultaneously FortiSolve 200 at the rate of 1 to 3 times the volume of FortiSolve 100. Repeat until control is evident.

#### Routine Dose, when microbial control is evident:

Subsequent slug additions of 5 oz to 64 fl oz (40–500 ppm) FortiSolve 100 per 1000 gallons of water (and if cleaning is desired or the pH of the system is below 8, optionally add FortiSolve 200 at the rate of 1 to 3 times the volume of FortiSolve 100) are employed every 2 to 5 days or as needed. The frequency of addition depends on the relative amount of bleed-off, the quality of the makeup water and rate of inflow of airborne or other contaminants. Make slug additions in the sump of water cooling towers.

#### Continuous Dosage:

For continuous, or semi-continuous, low level dosage of FortiSolve 100, add 1 oz to 20 oz (8–165 ppm) FortiSolve 100 per 1000 gallons of water (and if cleaning is desired or the pH of the system is below 8, FortiSolve 200 at the rate of 1 to 3 times the volume of FortiSolve 100).

## TANKS, SUMPS, AND OTHER HOLDING VESSELS, PIPING, WATERLINES AND INDUSTRIAL EQUIPMENT USED TO STORE AND CONVEY INDUSTRIAL OR COMMERCIAL WATER OR AQUEOUS MIXTURES

Do Not Use in equipment that will contact food.

Effectively removes and controls biofilm, slime, algae, odor and other organic contaminants in Tanks, Piping, Waterlines, and Industrial Equipment used to store and convey Industrial Process Water or Aqueous Mixtures.

(Biofilm and biocidal claims not approved in California.)

### DOSAGE RATES

#### Dose for badly fouled systems:

Fill equipment as completely as possible with a solution of 8 to 80 gal (8215–70000 ppm) of FortiSolve 100 (and if cleaning is desired or the pH of the mixture is below 8, optionally add FortiSolve 200 at the rate of 1 to 3 times the volume of FortiSolve 100) per 1000 gallons of system capacity (or equivalent use dilution). Circulate and then drain system. Rinse system thoroughly. If necessary, apply a solution containing 1 to 10 fl oz FortiSolve 100 (and if cleaning is desired or the pH of the mixture is below 8, optionally add FortiSolve 200 at the rate of 1 to 3 times the volume of FortiSolve 100) per gallon onto surfaces of the equipment that are not submerged.

#### Subsequent Dose, when microbial control is evident:

Subsequent slug additions of 5 oz to 8 gals (40–8215 ppm) FortiSolve 100 (and if cleaning is desired or the pH of the mixture is below 8, optionally add FortiSolve 200 at the rate of 1 to 3 times the volume of FortiSolve 100) per 1000 gallons of system capacity (or equivalent use dilution) are employed every 1 to 5 days or as needed. The frequency of addition depends on the quality of the makeup water and rate of inflow of airborne or other contaminants.

## BIOFILM REMOVAL IN ANIMAL DRINKING LINES

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

Ensure all animals are removed from the premises. Apply solution to the lines by adding 1.0–16.0 fl oz of FortiSolve 100 and 1.0–16.0 fl oz of FortiSolve 200 per gallon of water (1:1:128–1:1:8), or equivalent use dilution, to the drinking water system. Fill the system by pumping it through the system or drawing it through the system. Make sure there is enough solution to fill the lines. Trigger drinkers to ensure solution flows over the nipple. If a drinker is not working, continue to trigger it until water flows freely. Allow surfaces to remain wet for at least 3 minutes. Flush system thoroughly with a potable water rinse.

Use product within 8 hours of mixing FortiSolve 100 and FortiSolve 200.

(Biofilm removal claim is not approved in California.)

## DRAINS

Effectively removes and controls plugging and odors caused by accumulation of biofilm and other organic contaminants in drains. Prevents stoppage and odors.

(Biofilm and biocidal claims not approved in California.)

See DISINFECTION AND SANITIZATION OF DRAINS, TRENCH DRAINS, FLOOR DRAINS AND OTHER HARD, NON-POROUS DRAIN SURFACES instructions for drain use instructions in California.



# FortiSolve™ 100

A 2-Part Solution



## DOSAGE RATES

### Initial Dose for badly fouled systems:

This product can be poured, foamed, wiped, brushed, applied using a clean in place CIP system, pumping it through the system or mopping. Apply from 6 fl oz to 15 fl oz **FortiSolve 100** per gallon of water to drain. Repeat until control is evident. Optionally, pour from 1 fl oz **FortiSolve 100** around or into one-inch diameter or smaller drains up to 90 fl oz **FortiSolve 100** around or into three-inch diameter drains. If cleaning is desired, add simultaneously FortiSolve 200 at the same volume as **FortiSolve 100** (1–90 fl oz). For foam cleaning, add 6–15 oz **FortiSolve 100** and an equal amount of FortiSolve 200 per gallon of water to a foaming device and foam the mixture into the drain.

### Subsequent Dose:

When microbial control is evident, subsequent additions of 1–6 fl oz **FortiSolve 100** per gallon of water are employed every 7 days or as needed. This product can be poured, foamed, wiped, brushed, applied using a clean in place CIP system, pumping it through the system or mopping. If cleaning is desired, add simultaneously FortiSolve 200 at the same volume as **FortiSolve 100** (1–6 fl oz) per gallon of water. Optionally, subsequent additions of 1–6 fl oz **FortiSolve 100** into one-inch diameter or smaller drains up to 6 fl oz **FortiSolve 100** into three-inch diameter drains, are employed every 7 days or as needed. If cleaning is desired, add simultaneously FortiSolve 200 at the same volume as **FortiSolve 100** (1–6 fl oz). For foam cleaning, add 1–6 oz **FortiSolve 100** and an equal amount of FortiSolve 200 per gallon of water to a foaming device and foam the mixture into the drain.

## Marketing Claims

- Trench drains, floor drains and other visible drain surfaces
- Floors, walls, countertops, sinks, appliances, refrigerators (exteriors), plastic and other nonporous cutting boards and chopping blocks; coolers, ice chests; nonresidential refrigerator bins (exteriors) for meat, fruit, vegetable and egg; food processing equipment (k-pac equipment, injectors, slicers, knives, steel mesh gloves, deboners, saws, grinders, cutters, racks, dairy equipment, interlocking belts, HVAC units, cooling coils, cooling tunnels, refrigeration units, outside surfaces of kitchen equipment, transfer line tubing, water lines, watering systems, farm animal nipple drinkers, Kennel runs, nest pads, cages, waterers and feeders, automatic feeders, hauling equipment, dressing plants, loading equipment, farrowing barns and related areas (nursery blocks, creep areas), chutes, feed racks, mangers, troughs, fountains and waterers, forks, shovels, scrapers, barns, pens, stalls, facilities and fixtures occupied or traversed by animals, hatchery areas (egg receiving and holding, setter room, tray dumping, chick holding, processing and loading), trays, buggies, racks, egg flats, trucks, reapers, poultry buildings, ceilings, sidewalls and floors, drinkers and other poultry house related equipment; Coils and drain pans of air conditioning and refrigeration equipment and heat pumps, conductive flooring
- Hard nonporous surfaces, listed on this label, that are made of metal, stainless steel, glazed porcelain, glazed ceramic, sealed stone, hard fiberglass (bathtubs, tubs, shower stalls, and sinks), plastic (such as polystyrene, polypropylene), glazed porcelain tiling, enameled surfaces, finished/sealed and painted woodwork
- Controls bacteria<sup>‡</sup> and biofilm found in harborage niches
- Kills and controls a minimum of 99.9999% of bacteria\* in biofilms
- Penetrates biofilm matrix and biofilms found in harborage niches, killing the pathogenic bacteria\* living there
- Kills germs, bacteria, and viruses<sup>§</sup> within 10 minutes
- Helps reduce cross contamination between treated surfaces