

This product is a versatile disinfectant and \*virucide for use in Veterinarian, Animal Care and Farm premises and equipment. This product inhibits odor causing bacterial growth on moist surfaces and deodorizes by killing microorganisms that cause offensive odors. This product neutralizes musty odors and tough odors from pet accidents on contact. This product is for use in: veterinary clinics, animal hospitals, animal life science laboratories, kennels, breeding and grooming establishments, pet animal quarters, zoos, pet shops, tack shops and other animal care facilities, animal holding areas, veterinary waiting rooms, veterinary examination rooms, veterinary X-ray rooms and veterinary operating rooms.

This product may be used on washable hard, non-porous surfaces: glass<sup>1</sup>, metal, stainless steel<sup>1</sup>, glazed porcelain, glazed ceramic, granite, marble, chrome, vinyl, veterinarian examination tables, veterinary X-ray tables, animal washing areas, animal grooming areas, telephone receivers, telephone keypads, telephones, kennels, conductive flooring, feeding and watering equipment. This product is for Poultry Premise Sanitation: Egg Receiving Area, Egg Holding Area, Setter Room, Tray Dumping Area, Chick Holding Area, Hatchery Room, Chick Processing Area, Chick Loading Area, Poultry Buildings.

This product is for Swine Premise Sanitation: Farrowing Barns and Areas, Waterers and Feeders, Hauling Equipment, Dressing Plants, Loading Equipment, Nursery, Blocks, Creep Area, Chutes. \*Kills Pseudomonas aeruginosa, Escherichia coli, Klebsiella pneumoniae, Salmonella schottmuelleri, Salmonella enterica, Streptococcus faecalis, Shigella dysenteriae, Klebsiella aerogenes, Staphylococcus aureus, Bordetella bronchiseptica, Canine Distemper Virus, Pseudorabies virus, Vaccinia virus, Influenza A2 Virus, Herpes Simplex Virus Type 1, Adenovirus Type 2, Bovine Viral Diarrhea Virus (BVDV), Norovirus (Norwalk Virus), Feline Calicivirus (FCV), Canine Parvovirus (CPV), Canine Adenovirus, Canine Coronavirus, Canine Parainfluenza Virus, Feline Panleukopenia Virus, Feline Rhinotracheitis Virus, Feline Coronavirus, Feline Picornavirus, and Porcine Parvovirus.

**DIRECTIONS FOR USE**

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

**DISINFECTION:** For visibly soiled areas, a pre-cleaning step is required. For disinfecting inanimate, hard, non-porous surfaces, add 1 fluid ounce of this product per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer, or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain visibly wet for 10 minutes or 1 minute for SARS-CoV-2<sup>4</sup>, then let air dry. **BACTERICIDAL STABILITY OF USE-DILUTION:** Efficacy tests confirm that this product when diluted as directed remains effective against Pseudomonas aeruginosa, Staphylococcus aureus and Salmonella enterica for up to 30 days when stored in a sealed container such as a spray bottle. If the use-solution becomes visibly dirty or contaminated, it must be discarded and fresh use-solution must be prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the use-solution does not apply to open containers such as buckets or pails.

**BACTERICIDAL ACTIVITY:** When used at the 1 fluid ounce per gallon dilution rate, this product exhibits effective disinfectant activity against the organisms Pseudomonas aeruginosa, Escherichia coli, Klebsiella pneumoniae, Salmonella schottmuelleri, Salmonella enterica, Streptococcus faecalis, Shigella dysenteriae, and Staphylococcus aureus. When used as directed, this formulation is an effective disinfectant against Pseudomonas aeruginosa in animal hospitals and laboratories. At 4 fluid ounces per gallon or equivalent dilution rate, this product is effective against Bordetella bronchiseptica (a bacteria that causes bacterial Kennel Cough) on hard, non-porous environmental surfaces.

**\*VIRUCIDAL ACTIVITY:** When used at 1 fluid ounce per gallon of water or equivalent use dilution, this product exhibits effective virucidal activity on inanimate, hard, non-porous surfaces against Canine Distemper virus, Pseudorabies virus, Bovine Viral Diarrhea Virus (BVDV), Feline Calicivirus (FCV), Herpes Simplex Virus Type 1, Influenza A2 Virus, Adenovirus Type 2, Norovirus (Norwalk Virus), Pandemic 2009 H1N1 Influenza A Virus, Vaccinia Virus in 10 minutes, and SARS-CoV-2<sup>4</sup> in 1 minute.

**Disinfection and Virucidal (1 oz. per gallon) Dilution Chart**

Fluid ounces of Product	Water
1/4 oz.	Quart
1/2 oz.	1/2 Gallon
1 oz.	Gallon
2 ozs.	2 gallons
5 ozs.	5 gallons
15 ozs.	15 gallons
30 ozs.	30 gallons

At 4 fluid ounces per gallon or equivalent dilution rate, this product is effective against the following viruses on hard non-porous environmental surfaces: Canine Parvovirus (CPV), Canine Adenovirus, Canine Coronavirus, Canine Parainfluenza Virus, Feline Panleukopenia Virus (Feline Parvovirus), Feline Rhinotracheitis Virus, Feline Coronavirus, Feline Picornavirus and Porcine Parvovirus. **Canine Parvovirus (CPV) Activity:** At 4 fluid ounces per gallon of water or equivalent dilution, this product inactivates Canine Parvovirus (CPV) on hard, non-porous, environmental surfaces in the presence of 5% blood serum with a 10 minute contact time.

**EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, AND VIRUCIDE\* IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

**ODOR AND OR STAIN CAUSING MILDEW ACTIVITY:** To control odors and stains caused by mold and mildew on pre-cleaned, hard, non-porous surfaces, add 1 fluid ounce of this product per gallon of water or equivalent use dilution. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer making sure to visibly wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

**DEODORIZATION:** To deodorize, add 1 ounce of this product per gallon of water or equivalent dilution of water. Excess material should be wiped up or allowed to air dry.

**GENERAL CLEANING:** Apply this product to soiled area with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer. This product can be diluted at 1 ounce per gallon or applied at full strength. Thoroughly wet soiled surface and scrub as necessary. **For pet odors:** Use on carpets, floors, walls, tile, cages, pet beds, litter boxes, mats, floor coverings, area rugs or any surface soiled by a pet. Test a small inconspicuous area first. Blot problem area, then follow directions for DEODORIZATION. For cleaning and disinfecting

the following hard non-porous surfaces: equipment, utensils, instruments, cages, kennels, stables, stalls, and catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 1 ounce per gallon of water for a period of 10 minutes. 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 and other closed spaces. Do not house animals or employ equipment

until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment which dispenses food or water with soap or detergent and rinse with potable water before reuse. For feeding and watering equipment, RINSE WITH POTABLE WATER after disinfecting. For visibly soiled or contaminated areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

**POULTRY AND SWINE PREMISE SANITATION DIRECTIONS: Site Preparation:** The first step in any on-going sanitation program must be the removal of visible contamination and debris. This may be accomplished using a shovel, broom, or vacuum depending on the area to be disinfected. The efficacy of even the most efficient germicidal cleaner is reduced in the presence of visible organic matter. Once the visible debris is eliminated, thoroughly clean all surfaces with soap or detergent and rinse with water. **Cleaning And Disinfection:** For all general cleaning and disinfecting of hard, non-porous surfaces use 4 fluid ounces of this product per gallon of water. Apply this product using a cloth, mop, hand pump trigger sprayer or low pressure coarse sprayer so as to thoroughly wet surface to be disinfected. Allow to remain visibly wet for 10 minutes and then let air dry. For visibly soiled areas, a pre-cleaning step is required. Prepare a fresh solution after each use.

**DISINFECTION\*/VIRUCIDAL ACTIVITY OF POULTRY/TURKEY EQUIPMENT, SWINE QUARTERS, ANIMAL QUARTERS AND KENNELS DIRECTIONS:** Product may only be used on hard, non-porous surfaces for disinfection. Remove all animals and feeds from premises, trucks, cars, coops and crates. Remove all litter, droppings and manure from floors, walls and surfaces of facilities 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. Use 4 fluid ounces of this product per gallon of water. Saturate surfaces with the disinfecting solution and allow surfaces to remain visibly wet for a period of 10 minutes. Ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse. 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. **Halteries:** Use 4 fluid ounces of this product per gallon of water to treat the following hard non-porous surfaces: hatchers, setters, trays, racks, carts, sexing tables, delivery trucks and other hard surfaces. Leave all treated surfaces exposed to disinfectant solution visibly wet for 10 minutes or more. Rinse with potable water before reuse. Then allow to air dry. **Vehicles:** Product may only be used on hard, non-porous surfaces for disinfection. Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and this product. Use 4 fluid ounces per gallon to treat all vehicles, Leave all treated surfaces exposed to disinfectant solution visibly wet for 10 minutes or more.

**VETERINARY PRACTICE/ANIMAL CARE/ANIMAL LABORATORY/ZOOS/PET SHOP/KENNELS/BREEDING AND GROOMING ESTABLISHMENTS/TACK SHOPS/ANIMAL LIFE SCIENCE LABORATORIES DISINFECTION & \*VIRUCIDAL ACTIVITY DIRECTIONS:** For cleaning and disinfecting the following hard non-porous surfaces: equipment not used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 4 fluid ounces of this product per gallon of water and allow surfaces to remain visibly wet for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, automatic feeders, waterers and other equipment that dispenses food or water with soap or detergent, and rinse with potable water before reuse.

**FARM PREMISE DISINFECTION DIRECTIONS:** Product may only be used on hard, non-porous surfaces for disinfection. Do not use in milking stalls, milking parlors or milk houses. 1. Remove all animals and feed from premises, vehicles and enclosures. 2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other facilities and fixtures occupied or traversed by animals. 3. Empty all troughs, racks and other feeding and watering appliances. 4. Thoroughly clean all surfaces with soap or detergent and rinse with water. 5. Saturate all surfaces with a use-solution of 4 fluid ounces of this product per gallon of water and allow surfaces to remain visibly wet for a period of 10 minutes. 6. Immerse all halters, ropes and other types of equipment used in handling and restraining animals as well as forks, shovels and scrapers used in removing litter and manure. 7. Ventilate buildings, cars, trucks, boats and other closed spaces. Do not house livestock or employ equipment until treatment has been absorbed, set or dried. 8. Thoroughly scrub all treated feed racks, mangers, troughs, automatic feeders, fountains and waterers with soap or detergent and rinse with potable water before reuse.

**STORAGE AND DISPOSAL**

DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

**PESTICIDE STORAGE:** Store in a dry place no lower in temperature than 50°F or higher than 120°F.

**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 this container. Triple rinse or equivalent. Triple rinse as follows: Fill container ¼ full with water and recap. Agitate vigorously. Follow Pesticide Disposal instruction for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Offer for recycling or reconditioning, if available. If not available, puncture and dispose in a sanitary landfill.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER. KEEP OUT OF REACH OF CHILDREN. CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. May be fatal if absorbed through skin. Harmful if swallowed. Wear goggles or face shield, rubber gloves, and protective clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

<sup>1</sup>For use on non-food contact use sites only.

<sup>4</sup>Severe Acute Respiratory Syndrome Coronavirus 2

EPA REG. NO. 1839-100-8155 EPA EST. NO. 8155-OH-1

101922  
Label# 398



Disinfectant, Detergent, Deodorizer

\*Virucide, Odor and Stain Causing Mildew Control, Kills Germs\*\*

With Organic Soil Tolerance for Veterinary Clinics, Animal Hospitals, Pet Shops, Kennels, Animal Care Facilities, Tack Shops, Animal Life Science Laboratories, Breeding and Grooming Establishments and Farms.

**ACTIVE INGREDIENTS:**  
n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>)  
dimethyl benzyl ammonium chlorides ..... 4.5%  
n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>)  
dimethyl ethylbenzyl ammonium chlorides ..... 4.5%  
**INERT INGREDIENTS** ..... 91.0%  
**TOTAL**..... 100.0%

**KEEP OUT OF REACH OF CHILDREN DANGER**

**FIRST AID**  
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

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

**IF SWALLOWED:** Call 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.

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

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. See back panel for additional precautionary statements and directions for use.