



Specifications

Color	Red
Appearance	Clear
Fragrance	Fresh
Formula Type	Liquid
Dilution Ratio	1:128, 1:32
PH	11.00 - 12.00
Non-Volatile Matter	24.5 - 25.5%
EPA Registration #	1839-100-1658

Safety

See safety datasheet (if applicable) and product label for safety information, handling and proper use.

Directions for Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Surfaces which may contact food must be rinsed thoroughly with potable water after use.

DISINFECTION - For visibly soiled areas, a pre-cleaning step is required. For disinfecting inanimate, hard, non-porous surfaces, add 1 fluid ounce of Vet and Kennel Disinfectant 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, then let air dry.

BACTERICIDAL STABILITY OF USE-DILUTION: Prepare a fresh solution for each use. **BACTERICIDAL ACTIVITY** - When used at the 1 fluid ounce per gallon dilution rate, Vet and Kennel Disinfectant exhibits effective disinfectant activity against the organisms: *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella enterica*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Klebsiella aerogenes* 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 (2812 ppm (mg/L) active quat), Vet and Kennel Disinfectant 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) (703 ppm mg/L active quat), 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 Type 1,

Designed for use in veterinary clinics, animal hospitals, animal laboratories, animal life science laboratories, animal care facilities, kennels, pet shops, zoos, pet animal quarters, veterinary waiting rooms, veterinary examination rooms, veterinary X-ray rooms, veterinary operating rooms, and pet grooming/breeding establishments. When used as directed, this formulation is specifically designed to disinfect, deodorize, and clean inanimate, hard, nonporous surfaces: walls, floors, sink tops, furniture, operating tables, kennel runs, cages, and feeding and watering equipment.

Vet and Kennel Disinfectant is a versatile disinfectant and *virucide for use in Veterinarian and Animal Care premises and equipment. This product neutralizes on contact musty odors and tough odors from pet accidents. This product provides long lasting freshness against tough pet odors such as odors from litter boxes and pet accidents.

Vet and Kennel Disinfectant is effective against SARS-CoV-2 (COVID-19 virus) on hard non-porous surfaces in 1 minute.

Features & Benefits

EPA Registration No. 1839-100-1658

Neutralizes pet odors.

Provides long lasting freshness against tough pet odors.

Item Number & Unit of Measure

Item Number	HIL0016009
Unit of Measure	55 gal Drum

Vet And Kennel Disinfectant Cleaner (continued)



Influenza A2, Adenovirus Type 2, Norovirus (Norwalk Virus), Pandemic 2009 H1N1 Influenza A Virus and Vaccinia Virus in 10 minutes and SARS-CoV-24 in 1 minute. Product may not be used for other viruses at this dilution rate. At 4 fluid ounces per gallon or equivalent dilution rate (2812 ppm (mg/L) active quat), Vet and Kennel Disinfectant is effective against the following viruses on hard non-porous environmental surfaces: Canine Parvovirus (CPV), Canine Adenovirus (a virus that causes Infectious Canine Hepatitis), Canine Coronavirus (a virus that causes Canine Coronavirus Disease, Canine Gastroenteritis), Canine Parainfluenza Virus (a virus that causes viral Kennel Cough), Feline Panleukopenia (Feline Parvovirus), Feline Rhinotracheitis (a virus that causes Feline Herpes virus Infection), Feline Coronavirus (a virus that causes Feline Infectious Peritonitis), Feline Picornavirus and Porcine Parvovirus.

Canine Parvovirus (CPV) Activity: At 4 fluid ounces per gallon of water or equivalent dilution, Vet and Kennel Disinfectant 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 OR STAIN CAUSING MILDEW ACTIVITY - To control odors or 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 Vet and Kennel Disinfectant per gallon of water or equivalent dilution of water (703 ppm (mg/L) active quat). Excess material should be wiped up or allowed to air dry. **GENERAL CLEANING** - Apply Vet and Kennel Disinfectant 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 and kennels. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter and droppings 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 (703 ppm active quat) of water (or equivalent dilution) for a period of 10 minutes. Immerse all ropes and other types of equipment used in handling and restraining animals as well as forks, shovels, and scrapers used for removing litter. 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.

DISINFECTION/*VIRUCIDAL ACTIVITY OF 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 and droppings 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 Vet and Kennel Disinfectant 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 ropes and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter. **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 Vet and Kennel Disinfectant. 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/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, etc. Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter and droppings 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 Vet and Kennel Disinfectant per gallon of

water (or equivalent dilution) 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. **Non-Acid Toilet Bowl Disinfection/Cleaner Directions:** Remove visible soil prior to disinfection. **From concentrate:** Add 1 ounce per gallon to the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim, allow to stand for 10 minutes and flush. **From use-solution:** Empty toilet bowl or urinal and apply 1 fluid ounce per gallon use-solution to exposed surfaces including under the rim with a cloth, mop, sponge or hand pump trigger sprayer. Brush or swab thoroughly and allow to stand for 10 minutes and flush. For sprayer application use a coarse spray device.

Efficacy

BACTERICIDAL ACTIVITY: 10-minute contact time, *Pseudomonasaeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella enterica*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Klebsiella aerogenes* and *Staphylococcus aureus*, and *Bordetella bronchiseptica* (a bacterium that causes bacterial Kennel Cough) ***VIRUCIDAL ACTIVITY: 10-minute** contact time: Canine Distemper virus, Pseudorabies virus, Bovine Viral Diarrhea Virus (BVDV), Feline Calicivirus (FCV), Herpes Simplex Type 1, Influenza A2, Adenovirus Type 2, Norovirus (Norwalk Virus), Pandemic 2009 H1N1 Influenza A Virus and Vaccinia, Canine Parvovirus (CPV), Canine Adenovirus (a virus that causes Infectious Canine Hepatitis), Canine Coronavirus (a virus that causes Canine Coronavirus Disease, Canine Gastroenteritis), Canine Parainfluenza Virus (a virus that causes viral Kennel Cough), Feline Panleukopenia (Feline Parvovirus), Feline Rhinotracheitis (a virus that causes Feline Herpes virus Infection), Feline Coronavirus (a virus that causes Feline Infectious Peritonitis), Feline Picornavirus and Porcine Parvovirus. **1-minute** contact time: SARS-CoV-24 in 1 minute.