

Vet and Kennel Disinfectant

HILLYARD
CONNECT

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Designed for use in veterinary clinics, animal hospitals, animal laboratories, animal life science laboratories, animal care facilities, kennels, pet shops, zoos, pet animal quarters, 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. Active Ingredients: n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chlorides 4.5%, n-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chlorides 4.5%. Inert Ingredients: 91.0%.

Features & Benefits

- Neutralizes pet odors.
- Provides long lasting freshness.
- EPA registered disinfectant.

Efficacy

BACTERICIDAL ACTIVITY - When used as directed, Vet and Kennel Disinfectant demonstrates effective disinfectant activity against:

Pseudomonas aeruginosa
Escherichia coli
Klebsiella pneumoniae
Salmonella schottmuelleri
Salmonella choleraesuis
Streptococcus faecalis
Shigella dysenteriae
Enterobacter aerogenes
Staphylococcus aureus

BACTERICIDAL ACTIVITY - At 4 ounces per gallon or equivalent dilution rate (2812 ppm (mg/L) active quat), Vet and Kennel Disinfectant is effective against:

Bordetella bronchiseptica (causative agent of bacterial Kennel Cough)

***VIRUCIDAL ACTIVITY** - At 4 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 Distemper virus
Pseudorabies virus
Vaccinia virus
Influenza A2
Herpes Simplex Type 1
Adenovirus Type 2
Bovine Viral Diarrhea Virus (BVDV)
Norovirus (Norwalk Virus)
Feline Calicivirus (FCV)

***VIRUCIDAL ACTIVITY** - When used at the 1 ounce to one gallon or equivalent dilution rate (703 ppm (mg/L) active quat), this product exhibits effective virucidal activity on inanimate, hard, non-porous surfaces against:

Canine Parvovirus (CPV)
Canine Adenovirus
Canine Coronavirus

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Canine Parainfluenza Virus
Feline Coronavirus
Feline Rhinotracheitis Virus
Feline Picornavirus
Feline Panleukopenia
Porcine Parvovirus

Canine Parvovirus (CPV) Activity: At 4 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.



Safety

See material safety data sheet and product label for safety information, handling and proper use.

HMIS

Concentrate/RTU

Health	3/1
Flammability	0/0
Reactivity	0/0

Technical Specifications

Color	Red
Scent	Fresh
Appearance	Clear
pH (concentrate)	11.00 - 12.00
Non-Volatile Matter	24.5 - 25.5%
Dilution Rate	1:32

Availability

Item	Pack
HIL0061225	4 - 2.5 Liter Containers

Registrations

EPA Reg. No. 1839-100-1658

HILLYARD

Directions For Use

This is an EPA registered disinfectant. Please refer to the actual container label for complete directions.
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DISINFECTION - For disinfecting, add 1 ounce of Vet and Kennel Disinfectant to one gallon of water. Apply this solution with a mop, cloth, sponge, hand pump trigger sprayer, or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow surfaces to remain wet for 10 minutes and then let air dry.

BACTERICIDAL ACTIVITY - When used as directed, Vet and Kennel Disinfectant demonstrates effective disinfectant activity against *Pseudomonas aeruginosa*, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes* and *Staphylococcus aureus*. When used as directed, this formulation is an effective disinfectant against *Pseudomonas aeruginosa* in animal hospitals and laboratories.

At 4 ounces per gallon or equivalent dilution rate (2812 ppm (mg/L) active quat), Vet and Kennel Disinfectant is effective against *Bordetella bronchiseptica* (causative agent of bacterial Kennel Cough) on hard, non-porous environmental surfaces.

***VIRUCIDAL ACTIVITY** - When used at the 1 ounce to one gallon or equivalent dilution rate (703 ppm (mg/L) active quat), this product exhibits effective virucidal activity on inanimate, hard, non-porous surfaces against Canine Distemper virus, Pseudorabies virus, Vaccinia virus, Influenza A2, Herpes Simplex Type 1, Adenovirus Type 2, Bovine Viral Diarrhea Virus (BVDV), Norovirus (Norwalk Virus), and Feline Calicivirus (FCV).

At 4 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 (causative agent of Infectious Canine Hepatitis), Canine Coronavirus (causative agent of Canine Coronavirus Disease, Canine Gastroenteritis), Canine Parainfluenza Virus (causative agent of viral Kennel Cough), Feline Panleukopenia (Feline Parvovirus), Feline Rhinotracheitis (causative agent of Feline Herpes virus Infection), Feline Coronavirus (causative agent of Feline Infectious Peritonitis), Feline Picornavirus and Porcine Parvovirus.

Canine Parvovirus (CPV) Activity: At 4 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.

Disinfection and Virucidal, (1 oz. Per gallon) Dilution Chart

.25 oz. of product = 1 Quart of Water; .5 oz. of product = .5 Gallon; 1 oz. of product = 1 Gallon; 2 ozs. of product = 2 Gallons; 5 ozs. of product = 5 Gallons; 15 ozs. of product = 15 Gallons; 30 ozs. of product = 30 Gallons

Virucidal, (4 ozs. Per gallon) Dilution Chart

1 oz. of product = 1 Quart; 2 ozs. of product = .5 Gallon; 4 ozs. of product = 1 Gallon; 8 ozs. of product = 2 Gallons; 20 ozs. of product = 5 Gallons; 60 ozs. of product = 15 Gallons; 120 ozs. of product = 30 Gallons

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

MILDEWSTAT - To control mold and mildew on pre-cleaned hard, non-porous surfaces, add 1 ounce to one gallon or equivalent dilution of water. Apply use-solution with a cloth, mop, sponge, hand pump trigger sprayer or low pressure coarse sprayer making sure to wet all surfaces completely. Let air dry.
Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth reappears.

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.

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 heavily 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 - 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 ounces of Vet and Kennel Disinfectant per gallon of water. Saturate surfaces with the disinfecting solution 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 and manure.

Vehicles: Clean all vehicles including mats, crates, cabs, and wheels with high pressure water and Vet and Kennel Disinfectant. Use 4 ounces per gallon to treat all vehicles. Leave all treated surfaces exposed to disinfectant solution 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 ounces of Vet and Kennel Disinfectant per gallon of water (or equivalent dilution) 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 DISINFECTANT DIRECTIONS - Remove gross filth prior to disinfecting.

From Concentrate: Add 1 ounce of Vet and Kennel Disinfectant to the toilet bowl water or urinal and mix. Brush thoroughly over exposed surfaces and under the rim with toilet bowl brush. Allow to stand for 10 minutes and flush.

From Use-solution: Empty toilet bowl or urinal and apply 1 ounce of Vet and Kennel Disinfectant per gallon of water or equivalent dilution to exposed surfaces including under the rim with a toilet bowl brush, a cloth, mop, sponge, hand pump trigger sprayer, or low pressure sprayer; brush or swab thoroughly and allow to stand for 10 minutes and flush. For sprayer application use a coarse spray device.