

Licensed Board of Veterinary Medicine Continuing Education Provider



# PROTOCOL MANUAL

Hospital – Kennel – Cattery – Shelter – Grooming - Retail



800-869-4789

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Licensed Board of Veterinary Medicine Continuing Education Provider

**License Number  
PVD134**

From area to area and from species to species, the chemistries and protocols should be different and specific for each task. Inside this manual, you will find protocols that are written for specific species, areas, surface materials, and environments.

Please feel free to print the individual protocols, laminate and display them in your facility.

If you need assistance creating a specific protocol or protocols for your facility, or have ideas for new protocols, please don't hesitate to reach out to us. Thank you!

What's inside?

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# ANIMAL FACILITY DISINFECTANT

Concentrated Disinfectant Cleaner & Deodorizer

For Use In: Veterinary Hospitals, Kennels, Animal Shelters,  
Animal Life Science Laboratories, Pet Grooming, Retail Pet Shops,  
Equine Hospitals & Stables, Turkey Farms, Swine Quarters and Zoos

Veterinarian type disinfectant, formulated without strong acid or chlorine!

This product has been tested and formulated to be efficacious against the following micro-organisms on hard, non-porous surfaces:

#### Bacteria – 1 Ounce Per Gallon

- Pseudomonas aeruginosa*
- Salmonella enterica*
- Staphylococcus aureus*
- Escherichia coli*
- Klebsiella pneumoniae*
- Klebsiella aerogenes*
- Salmonella schottmuelleri*
- Salmonella enterica*
- Shigella dysenteriae*
- Staphylococcus aureus*

#### Bacteria – 4 Ounces Per Gallon

- Bordetella bronchiseptica*

#### Viruses – 1 Ounce Per Gallon

- Influenza A (H1N1) virus*
- Coronavirus 2 (SARS-V) – 1 Minute*
- Bovine Viral Diarrhea*
- Canine Distemper Virus*
- Herpes Simplex Type 1 virus*
- Influenza A2/Japan*
- Norwalk/Norovirus*
- Pseudorabies virus*
- Vaccinia virus*
- Feline Calicivirus*

#### Viruses – 4 Ounces Per Gallon

- Canine Coronavirus*
- Canine Adenovirus*
- Canine Parvovirus*
- Canine Parainfluenza Virus*
- Feline Panleukopenia virus*
- Feline Coronavirus*
- Feline Picornavirus*
- Feline Rhinotracheitis virus*
- Vaccinia virus*

#### Mold and Mildew Control

Use this product at 1 ounce per gallon to control the growth of mold and mildew and their odors on hard, nonporous surfaces. Thoroughly wet all treated surfaces completely. Let air-dry. Repeat application weekly or when growth or odor reappears.

#### Physical Properties

<b>pH of Concentrate</b>	9.5 – 11.5	<b>Flash Point</b>	>200 F
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#### Animal Care Use Sites:

Veterinary Hospital Waiting	Examination, X-Ray, Operating	Kennels
Life Science Laboratories	Grooming Establishments	Retail Pet Shops
Zoos	Equine Stables/Hospitals	Turkey Farms

#### Animal Care Use Surfaces:

Animal Washing Area	Formica	Plastic (Upholstery)
Cabinets	Furniture	Stainless Steel
Chrome	Glass	Treatment Tables
Desks	Glazed Tile	Telephones/Keypads
Doorknobs & Handles	Granite	Toilet Bowels
Enameled Surfaces	Lift Tables	Urinals
Faucets	Marble	Vinyl (Upholstery)
Feeding Equipment	Watering Equipment	Metal
Washable Walls	Conductive Flooring	Painted Woodwork

#### Poultry Premise Surfaces:

Egg Receiving Area	Tray Dumping Area	Chick Processing Area
Egg Holding Area	Chick Holding Area	Chick Loading Area
Setter Room	Hatchery Room	Poultry Buildings

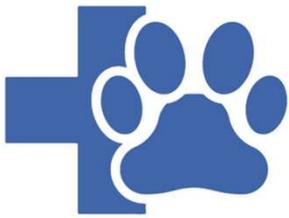
#### Swine Premise Surfaces:

Farrowing Barns & Areas	Dressing Plants	Blocks
Waters & Feeders	Loading Equipment	Creep Area
Hauling Equipment	Nursery	Chutes



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# KENNEL & TURF CARE

Enzymatic Cleaner, Deodorizer & Drain Maintainer

For Use On: Concrete Kennel Floors & Walkways, Synthetic Pet Turf, Ceramic Tile Floors, Vinyl Floors, Exterior Substrate, Wood Fences & Structures

Effectively degrades odor and disease-causing organic matter (**THE HOST!**)

## The Science Behind Kennel & Turf Care:

Kennel & Turf Care is composed of fragrance, odor counteractant and non-pathogen bacterial chelating agents and surfactants. It is a **Triple Action Formula!** 1 - The fragrance masks the malodor instantly; 2 – The odor counteractant neutralizes and converts the malodor to non-detectable odors; 3 – Bacteria. Bacteria needs moisture, oxygen and food (organic soils) to survive. The animal care environment is the ideal condition for bacteria to live and work. The bacteria in Kennel & Turf Care enter the substrate to seek out and degrade odor causing organic soils, producing enzymes along the way. Bacteria are the factories that produce enzymes. Each type of enzyme selectively breaks complex compounds into simpler compounds so the bacteria can eat them quickly.

## Compatibility to Animal Facility Disinfectant:

Disinfectants are formulated to kill bad bacteria, as well as good bacteria. If odors persist, after cleaning with a disinfectant, it means that there is too much soil on the surface for the disinfectant to handle. If the surface isn't cleaned and deodorized using Kennel & Turf Care, as part of the cleaning protocol, the malodor will exist and the potential for recurring illness will increase, and especially those that are gastrointestinal in nature. Once the surface is free from the buildup of organic matter (THE HOST), the use of Animal Facility Disinfectant will help prevent the bacteria from growing on the surface.

## Where and When to Use Kennel & Turf Care:

Although the use of disinfectants is an important part of any disease prevention protocol, their use should be limited to interior applications or where there is a minimal chance for the solution to runoff into streams, ponds, lakes and/or other waterways.

Kennel & Turf Care is safe to use on virtually any interior or exterior surface, where there is a buildup of odor and disease-causing organic matter including kennel floors, synthetic pet turf, stone, exterior substrate and wood. Kennel & Turf Care can be used as a wet mop solution on ceramic and vinyl tile floors, luxury vinyl tile, terrazzo and floors protected with an acrylic finish.

## Drain Maintenance:

Floor drain maintenance and repair can be one of the highest operating overhead expenses at an animal care facility. Whether it's the cost of monthly chemical treatments or cleanouts, drain maintenance can be expensive.

The main cause of clogs and odors is when feces and animal hair combine to create a ball. Washing the Kennel & Turf Care solution down the drains, during the cleaning process, or direct treatments will help breakdown the ball by dissolving the feces, leaving the animal hair to find its way to the drain traps for easy removal.



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# SAFETY CHECKLIST

## Slip & Fall Protection:

- ✓ Wear slip-resistant shoes
- ✓ Keep an eye out for obstructions
- ✓ Address spills immediately
- ✓ Place wet-floor caution signs before cleaning and/or in heavy moisture areas
- ✓ Make sure floor mats lie flat

## Back Injury Protection:

- ✓ Stretch before, during and after work
- ✓ Take short breaks throughout the day
- ✓ Understand proper lifting techniques
- ✓ Ask for help when an item is too heavy

## Chemical Safety:

- ✓ Make sure that all spray bottles are properly labeled for the product being used
- ✓ Know the location of and how to read the Safety Data Sheets (SDS)
- ✓ Make sure the area is well-ventilated before cleaning
- ✓ Never mix chemicals
- ✓ Wear appropriate personal protective equipment, including gloves and goggles for overhead cleaning tasks
- ✓ Wash hands after using cleaning chemicals

**Mixing Chemicals:** Not only could toxic gases be released, mixing chemicals together will greatly reduce or eliminate the individual product's efficacy. **For example:** Mixing a disinfectant (termed "antimicrobial") with any product and especially one that is enzyme based (termed "promicrobial") will neutralize the effectiveness of both products.

## Protocol Safety:

1. Always wear protective gloves when using cleaning chemicals.
2. Always wear protective goggles when applying cleaning solutions above eye level.
3. Use Wet Floor Safety Signs to avoid dangerous slip and falls.
4. Wash hands thoroughly.

## NOTES:

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# ISOLATION ROOM PROTOCOL

## Room Preparation:

- Select trained designated staff members for isolation room implementation.
- Place hand-sanitizing station near the entrance of the isolation room.
- Ensure adequate room ventilation.
- Post signs on the door indicating that the space is an isolation area.
- Keep a roster of all staff working in the isolation area, for possible outbreak investigation and contact tracing.
- Stock the PPE (Personal Protective Equipment) supply outside the isolation room or area. Set up a cabinet or cart outside of the entrance to hold PPE. A checklist may be useful to ensure that all equipment is stocked and available.
- Place appropriate waste bags in bin. If possible, use a touch-free bin. Ensure that the used bins remain inside the isolation room.
- Keep patients' personal belongings, such as collars, leashes, toys, bedding, etc., to a minimum.

## Before Entering the Isolation Room:

- ✓ Collect all equipment needed.
- ✓ Perform hand hygiene with a hand sanitizer.
- ✓ Put on PPE in the order that ensures adequate placement of PPE items and prevents self-contamination.
- ✓ Example of order in which to don PPE when all PPE items are needed is hand hygiene, gown, shoe covers, mask, eye protection and gloves.

## Surface Cleaning Protocol:

1. Fill a properly labeled spray bottle using a mixture of 1-ounce of **ProVetLogic Animal Facility Disinfectant** per 32-ounces of water.
2. Dust surface to remove excessive animal hair.
3. Set the spray bottle nozzle to the course or stream setting to minimize migration of the chemical spray.
4. Apply solution by holding spray bottle 6 to 8 inches above the surface.
5. Agitate surface using a disposable wiping towel or synthetic brush to remove heavy soil.
6. Allow the solution to stand for at least 10 minutes.
7. Wipe off any puddles and/or heavy excess moisture.
8. Allow the surface to dry thoroughly before reintroducing animals to the area.

## Floor Cleaning Protocol:

1. Sweep and/or dust to remove all loose debris.
2. Fill a chemical pump sprayer with a mixture of 4-ounces of **Animal Facility Disinfectant** per gallon of water.
3. Working from the back of the room and toward the exit, apply a liberal amount of solution onto the floor surface including under cages, counters, and along baseboards.
4. Allow the solution to stand for at least 10-minutes.
5. Fill a mop bucket with clean water.
6. Using a clean mop head, mop the floor using a side-to-side motion.
7. Dump and replace water when it becomes visibly dirty.
8. Allow the surface to dry thoroughly before reintroducing animals to the area.

## Leaving the Isolation Room or Area:

- Make sure that the PPE will not contaminate either the environment outside the isolation room, or other animals.
- Remove PPE in a manner that prevents self-contamination with contaminated PPE or hands:
  - ✓ Remove the most contaminated items first.
  - ✓ Perform hand hygiene immediately after removing gloves.
  - ✓ Remove mask last.
  - ✓ Discard disposable items in a closed receptacle.
  - ✓ Perform hand hygiene with a hand sanitizer, whenever ungloved hands touch contaminated PPE items.



# HOSPITAL PROTOCOL

## Before Starting the Cleaning Process:

- ✓ Remove animals from the task area..
- ✓ Remove food and water dishes, bedding and toys from the area before implementing the cleaning process.
- ✓ Wash and/or sanitize hands.
- ✓ Put on protective gloves, and other PPE if needed.

## Surface Cleaning Protocol:

1. Fill a specially labeled spray bottle using a mixture of 1-ounce of **ProVetLogic Animal Facility Disinfectant** per gallon of water for general disinfecting or 4-ounces per gallon to create a Canine Parvovirus control solution.
2. Dust surface to remove excessive animal hair.
3. Set the spray bottle nozzle to the course or stream setting to minimize migration of the chemical spray.
4. Apply solution by holding spray bottle 6 to 8 inches above the surface.
5. Agitate surface using a disposable wiping towel or brush to remove heavy soil.
6. Allow the solution to stand for at least 10 minutes.
7. Wipe off any puddles and/or heavy excess moisture.
8. Allow the surface to dry thoroughly before reintroducing animals to the area.

## Floor Cleaning Protocol:

1. Sweep and/or dust to remove all loose debris.
2. Fill a mop bucket with a mixture of 1-ounce **ProVetLogic Animal Facility Disinfectant** per gallon of water for general disinfecting or 4-ounces per gallon to create a Canine Parvovirus control solution. For the most effective and economical results, fill a chemical pump sprayer with the premixed solution.
3. Working from the back of the room toward the exit, apply a liberal amount of solution onto the floor surface including under cages, counters and along baseboards.
4. Allow the solution to stand for at least 10 minutes.
5. Fill a mop bucket with clean water.
6. Using a clean mop head, mop the floor in a side-to-side motion.
7. Dump and replace water when it becomes visibly dirty and rinse mop head.
8. Allow the floor to dry thoroughly before reintroducing animals to the area.

## Leaving the Task Area:

- ✓ Place Wet Floor Safety Signs to avoid dangerous slip and falls.
- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



# CATTERY PROTOCOL

## Before Starting the Cleaning Process:

- ✓ Remove animals from the task area..
- ✓ Remove food and water dishes, bedding and toys from the area before implementing the cleaning process.
- ✓ Wash and/or sanitize hands.
- ✓ Put on protective gloves, and other PPE if needed.

## Surface Cleaning Protocol:

1. Remove animal, dishes, toys and bedding, Discard used litter and refresh.
2. Use a **measuring cup** to mix 1-ounce of **Animal Facility Disinfectant** with 32-ounces of water.
3. Remove **canister** lid and place a dry towel roll in the canister. Pull a starter towel through the dispensing hole in the lid.
4. Pour solution over the dry towel roll and replace lid.
5. Remove the saturated towel and starting from the back of the cage and working towards the front, wipe the surface to remove fine hair particulates and to apply solution.
6. Wipe all human and animal touch points including cage doors and handles.
7. Use a brush with synthetic handle and bristles to remove heavy soil.
8. Allow the solution to stand for a minimum of 10-minutes.
9. If necessary, use a clean dry towel to remove any heavy moisture.
10. If using a **labeled spray bottle**, dilute 1-ounce of **Animal Facility Disinfectant** per gallon of water.
11. Set the spray nozzle to the course setting, apply the solution, and allow to stand for 10-minutes.
12. Use a dry towel to remove any excess moisture.
13. Allow to dry thoroughly before placing animal on the surface.

## Floor Cleaning Protocol:

1. Sweep floor to remove hair and other loose debris.
2. In a mop bucket, mix 1-ounce of Animal Facility Disinfectant per gallon of water.
3. Using a clean mop head, start from the back of the room and work the cleaning process to the exit door.
4. Allow the floor to air dry.
5. Thoroughly rinse the mop head and hang to air dry.

## Leaving the Task Area:

- ✓ Place Wet Floor Safety Signs to avoid dangerous slip and falls.
- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



# SHELTER KENNEL PROTOCOL

## Before Starting the Cleaning Process:

- ✓ Remove animals from the task area..
- ✓ Remove food and water dishes, bedding and toys from the area before implementing the cleaning process.
- ✓ Wash and/or sanitize hands.
- ✓ Put on protective gloves, and other PPE if needed.

## Daily Cleaning Protocol:

1. Remove all solid waste.
2. Rinse floor towards drain to remove urine and heavy soil.
3. Flush drain.
4. Pour full strength **Animal Facility Disinfectant** into **foam gun** reservoir tank. Select and insert dilution tip (see foam gun use instructions)
5. Connect spray gun to water source and reservoir tank to spray gun.
6. Start at the top of the cage or run and work down and out covering the entire surface.
7. Agitate surface to remove heavy soil buildup.
8. Allow the solution to stand for a minimum of 10 minutes to ensure complete effectiveness.
9. Rinse or squeegee solution towards the drain.
10. Remove puddles before reintroducing animals to the area.
11. Rinse any dishes, toys, etc. that may have come in contact with the cleaning solution.

## 1 or 2 Times Per Week:

1. Follow steps 1 through 3 above.
2. Using a dedicated **foam gun**, pour full strength **Kennel Care Enzymatic Floor Cleaner** into foam gun reservoir tank. Select and insert dilution tip (see foam gun use instructions)
3. Start at the top of the cage or run and work down and out covering the entire surface.
4. Agitate surface to remove soil buildup.
5. Allow the solution to stand for 3 to 5 minutes.
6. Rinse or **squeegee** solution towards the drain. ***This will help control odors and improve drain flow.***
7. Remove puddles before reintroducing animals to the area.
8. Rinse any dishes, toys, etc. that may have come in contact with cleaning solution.

## Leaving the Task Area:

- ✓ Place Wet Floor Safety Signs to avoid dangerous slip and falls.
- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



# WELL KENNEL PROTOCOL

## Before Starting the Cleaning Process:

- ✓ Remove animals from the task area..
- ✓ Remove food and water dishes, bedding and toys from the area before implementing the cleaning process.
- ✓ Wash and/or sanitize hands.
- ✓ Put on protective gloves, and other PPE if needed.

## Daily Cleaning Protocol:

1. Remove all solid waste.
2. Rinse floor towards drain to remove urine and heavy soil.
3. Flush drain.
4. Pour full strength **Kennel & Turf Care Enzymatic Floor Cleaner** into **foam gun** reservoir tank. Select and insert dilution tip (see foam gun use instructions)
5. Connect spray gun to water source and reservoir tank to spray gun.
6. Start at the top of the cage or run and work down and out covering the entire surface.
7. Agitate surface to remove heavy soil buildup.
8. Allow the solution to stand for 3 to 5 minutes.
9. Rinse or squeegee solution towards the drain. ***This will help control odors and improve drain flow.***
10. Remove puddles before reintroducing animals to the area.
11. Rinse any dishes, toys, etc. that may have come in contact with the cleaning solution.

## Between Boarded Animals and/or Once Per Week:

1. Implement the above kennel enzyme cleaning protocol.
2. Using a dedicated foam gun, pour full strength **Animal Facility Disinfectant** into **foam gun** reservoir tank. Select and insert dilution tip (see foam gun use instructions)
3. Start at the top of the cage or run and work down and out covering the entire surface.
4. Allow the solution to stand for a minimum of 10 minutes to ensure complete effectiveness.
5. Rinse or squeegee solution towards the drain.
6. Remove puddles before reintroducing animals to the area.
7. Rinse any dishes, toys, etc. that may have come in contact with cleaning solution.

## Leaving the Task Area:

- ✓ Place Wet Floor Safety Signs to avoid dangerous slip and falls.
- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



# GROOMING AREA PROTOCOL

## Before Starting the Cleaning Process:

- ✓ Remove animals from the task area..
- ✓ Remove food and water dishes, bedding and toys from the area before implementing the cleaning process.
- ✓ Wash and/or sanitize hands.
- ✓ Put on protective gloves, and other PPE if needed.

## Surface Cleaning Protocol:

1. Use a **measuring cup** to mix 1-ounce of **Animal Facility Disinfectant** with 32-ounces of water.
2. Remove **canister** lid and place a dry towel roll in the canister. Pull a starter towel through the dispensing hole in the lid.
3. Pour solution over the dry **\*towel roll** and replace lid.
4. Remove the saturated towel and wipe surface to remove fine hair particulates and to apply solution.
5. Allow the solution to stand for a minimum of 10-minutes.
6. If necessary, use a clean dry towel to remove any remaining heavy moisture.
7. If using a **labeled spray bottle**, dilute 1-ounce of **Animal Facility Disinfectant** per gallon of water or equivalent.
8. Set the spray nozzle to the course setting, apply the solution, and allow to stand for 10-minutes.
9. Use a dry towel to remove any excess moisture.
10. Allow to dry thoroughly before placing pet on the surface.

## Floor Cleaning Protocol:

1. Sweep floor to remove pet hair and loose debris.
2. In a **mop bucket**, prepare a solution of **Animal Facility Disinfectant** and water.
3. Using **Mop Head**, work from the back of the room towards the exit. Do not walk over treated surface.
4. Allow solution to stand for at least 10-minutes.
5. Rinse if needed, using a clean **mop head** and fresh water.

## Leaving the Task Area:

- ✓ Place Wet Floor Safety Signs to avoid dangerous slip and falls.
- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



# PLAY YARD PROTOCOL

## Before Starting the Cleaning Process:

- ✓ Remove animals from the task area..
- ✓ Remove food and water dishes, bedding and toys from the area before implementing the cleaning process.
- ✓ Wash and/or sanitize hands.
- ✓ Put on protective gloves, and other PPE if needed.

## Synthetic Turf Protocol:

**NOTE:** The source of the odor is most likely coming from below the turf surface, such as embedded urine in the substrate material.

1. Remove all animals from the immediate area.
2. Remove and discard feces.
3. Use a **foam gun applicator** to apply a solution of **Kennel & Turf Care Enzymatic Cleaner**. Use a dilution ratio of 2-ounces per gallon of water for general cleaning or 4-ounces per gallon for heavy soil and odor removal.
4. **Agitate** if needed and allow solution to stand for **no more** than 3 to 5 minutes.
5. Thoroughly rinse the turf to ensure that the solution penetrates the surface and into the substrate.
6. Remove standing puddles and heavy moisture before returning animals to the area.

## Exterior Substrate Protocol:

**NOTE:** Bleach and disinfectants do not have the inherent chemical ability to degrade organic matter and limited efficacy in extremely porous environments.

1. Remove all animals from the immediate area.
2. Remove and discard feces.
3. Use a **foam gun applicator** to apply a solution of **Kennel & Turf Care Enzymatic Cleaner**. Use a dilution ratio of 2-ounces per gallon of water for general cleaning or 4-ounces per gallon for heavy soil and odor removal.
4. Treat all surfaces including play and exercise equipment and wooden fence and structures.
5. **Agitate** hard structures (concrete, play equipment, fence, etc.) if needed and allow solution to stand for 3 to 5 minutes.
6. Rinse structures and remove standing puddles and heavy moisture before returning animals to the area.

## Leaving the Task Area:

- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



# AVIARY PROTOCOL

## Before Starting the Cleaning Process:

- ✓ Remove birds from the task area..
- ✓ Remove food and water dishes, bedding, toys and other removable items from the area before implementing the cleaning process.
- ✓ Wash and/or sanitize hands.
- ✓ Put on protective gloves, and other PPE if needed.

## Shoe & boot Bath Protocol:

To prevent cross contamination from area-to-area place a bath containing one inch of freshly made sanitizing solution at the entrance to the building and between rooms.

1. Mix 1-ounce of **Animal Facility Disinfectant** per 1-gallon of water (or equivalent use dilution).
2. Fill bath at least one inch of prepared solution.
3. **Scrape** off heavy soil.
4. Stand in bath for 1-minute prior to entering area.
5. A fresh solution must be prepared daily or when solution becomes visibly dirty.

## Cage Cleaning & Disinfecting Protocol:

To minimize the migration of chemical sprays and vapors, when cleaning bird cage surfaces, we recommend using **wet wipes** in place of traditional spray bottles. If spray bottles are used, set the sprayer setting to course/stream.

1. Prepare the **Refillable Wiping System**, by mixing 1-ounce of **Animal Facility Disinfectant** and 32-ounces of water.
2. Remove bird(s), food and water dishes from cage.
3. Remove and discard solid waste, bedding and other debris.
4. Wipe down surfaces including perches, play structures, etc..
5. Scrub surface with a **synthetic brush**.
6. Allow solution to stand for 10-minutes.
7. Use a wet sponge or cloth to remove any heavy moisture and emulsified soil.
8. Allow surfaces to air dry before returning birds to the cage.
9. **NOTE:** For large, multi-bird enclosures, use a **foam gun applicator** or pump sprayer to apply the solution. For heavily soiled surfaces prepare and use a solution of **Pro Foam Ultra** to preclean the surface before implementing the disinfecting process.

## When Leaving the Area:

- ✓ Place Wet Floor Safety Signs to avoid dangerous slip and falls.
- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



# REPTILE (Nonaquatic) PROTOCOL

## Before Starting the Cleaning Process:

- ✓ Remove animals from the task area..
- ✓ Remove food and water dishes and bedding from the area before implementing the cleaning process.
- ✓ Wash and/or sanitize hands.
- ✓ Put on protective gloves, and other PPE if needed.

## Surface Cleaning Protocol:

1. Fill the refillable canister by diluting 1-ounce of V01 Animal Facility Disinfectant with 32-ounces of water. Pour the contents over the dry towel roll.
2. Remove all animals from the tank or enclosure prior to cleaning and disinfecting the surface.
3. Remove litter, droppings and bedding.
4. Empty all equipment used for feeding and watering the animals and set aside.
5. Wipe all surfaces including plastic structures, plastic plants, rocks, wood, cage trays, climbing toys and other touch points.
6. Replace towel with a new one, once it becomes visibly dirt.
7. Allow surface to remain wet for 10-minutes.
8. Use potable water to rinse all surfaces that may come into contact with food before reuse.
9. Allow the area to ventilate and dry thoroughly before replacing bedding, dishes and returning the animals to the area.

## Floor Cleaning Protocol:

1. Sweep and/or dust to remove all loose debris.
2. Fill a mop bucket with a mixture of 1-ounce **ProVetLogic Animal Facility Disinfectant** per gallon of water.
3. For the most effective and economical results, fill a chemical pump sprayer with the premixed solution.
4. Working from the back of the room toward the exit, apply a liberal amount of solution onto the floor surface including under cages, counters and along baseboards.
5. Allow the solution to stand for at least 10 minutes.
6. Fill a mop bucket with clean water.
7. Using a clean mop head, mop the floor in a side-to-side motion.
8. Dump and replace water when it becomes visibly dirty and rinse mop head.

## Leaving the Task Area:

- ✓ Place Wet Floor Safety Signs to avoid dangerous slip and falls.
- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



# MINUTE VIRUS OF MICE PROTOCOL

## Minute virus of mice (MVM):

Minute virus of mice (MVM), represents a major infectious disease problem encountered in contemporary laboratory animal research facilities nationwide.

There are several parvoviruses that can infect mice, including **mouse parvovirus** and **minute virus of mice**. All parvoviruses are highly contagious, and transmission occurs through direct contact with infected urine or feces or by contaminated objects (such as bedding) in the environment. Disinfection of the cage is required to eliminate the virus.

**Animal Facility Disinfectant**, an **E.P.A. Registered** formula approved for the control of **minute virus of mice**, and the **Refillable Wiping System** is an effective, safe and economical alternative for cleaning and disinfecting mouse environments and other sensitive species habitats.

## Surface Cleaning Protocol:

1. Fill the canister by diluting 1-ounce of V01 Animal Facility Disinfectant with 32-ounces of water and pouring the solution over the dry towel roll.
2. Remove all animals from the enclosure prior to cleaning and disinfecting.
3. Remove all bedding and droppings from the surfaces.
4. Empty all equipment used for feeding and watering the animals.
5. Wipe all surfaces including plastic structures, cage trays, exercise toys and other touch points.
6. Replace towel once it becomes visibly dirty.
7. Allow surface to remain wet for 10 minutes.
8. Use potable water to rinse all surfaces that may come in contact with food before reuse.
9. Allow the area to ventilate for a minimum of 10-15 minutes before replacing the animals.

## Floor Cleaning Protocol:

1. Sweep and/or dust to remove all loose debris.
2. Fill a mop bucket with a mixture of 1-ounce **ProVetLogic Animal Facility Disinfectant** per gallon of water.
3. For the most effective and economical results, fill a chemical pump sprayer with the premixed solution.
4. Working from the back of the room toward the exit, apply a liberal amount of solution onto the floor surface including under cages, counters and along baseboards.
5. Allow the solution to stand for at least 10 minutes.
6. Fill a mop bucket with clean water.
7. Using a clean mop head, mop the floor in a side-to-side motion.
8. Dump and replace water when it becomes visibly dirty and rinse mop head.

## Leaving the Task Area:

- ✓ Place Wet Floor Safety Signs to avoid dangerous slip and falls.
- ✓ Remove and discard gloves and other PPE.
- ✓ Wash and/or sanitize hands.



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