**Peroxigard Concentrate**

Last Reviewed: January 3, 2024

**I.  Purpose**

This standard operating procedure (SOP) describes the process for mixing a Peroxigard Concentrate solution for cleaning purposes in LAR.

**II. Responsibility**

It is the responsibility of all LAR staff to know the proper procedure for mixing Peroxigard Concentrate, and knowing the correct application for use in animal and non-animal rooms.

**III. Effectiveness**

1. Peroxigard Concentrate is a one-step disinfectant cleaner and deodorant designed for general cleaning and disinfection of hard, non-porous environmental surfaces. When used as directed, this product is highly effective against a wide variety of pathogens, including bacteria, antibiotic-resistant pathogens, viruses, fungi, mold, and mildew, at a 1:16 dilution (8 ounces to 1-gallon water), in the presence of 200 PPM hard water, 5% serum load and 5 minutes contact time.
2. This product cleans by removing urine, fecal matter, blood, dirt grime, mold, mildew, and other common soils found in animal housing/research facilities.
3. Peroxigard Concentrate has a 90-day shelf life once diluted, and 3 years opened/unopened.

**IV. Directions for Use**

1. For use as a bactericide or a virucide in animal premises:
   1. Dilute at 2-8 oz of product per gallon of water (1:16 - 1:64)
   2. Pre-clean heavily soiled areas
   3. Spray 6-8 inches from the surface until thoroughly wet
   4. Allow the surface to stay wet for 5 minutes
   5. Wipe clean
2. For cleaning and disinfecting laboratory surfaces/instruments/glassware:
   1. Dilute at 8 oz of product per gallon of water (1:16)
   2. Pre-clean heavily soiled areas
   3. Apply the solution either by spraying it directly on the surface, or applying it to a cloth or mop before applying it on hard, non-porous environmental surfaces. It may also be used by completely immersing pre-cleaned glassware and compatible instruments in the solution
   4. Immerse or allow the surface to remain wet for 5+ minutes
   5. For glassware/instruments rinse thoroughly and let air dry before re-use
   6. For glassware/instruments – change immersion solution after each use.
3. For use as a non-food contact sanitizer:
   1. Dilute at 1 oz of product per gallon of water (1:128)
   2. Pre-clean heavily soiled areas
   3. Spray 6-8 inches from the surface until thoroughly wet
   4. Allow the surface to stay wet for 3 minutes
   5. Wipe clean

**V. First Aid – MSDS Sheets in MSDS Notebooks**

Harmful if swallowed. Wear chemical splash-proof goggles or a face shield while mixing. Wash hands thoroughly with soap and water after handling.

1. **Inhalation:**Not a normal route of exposure
2. **Eye Contact:** Flush with cool water for 10 to15 minutes. Remove contact lenses if applicable, once flushing has begun. If eye irritation persists, get medical advice or attention.
3. **Skin and Clothing:** Remove contaminated clothing and thoroughly flush affected areas with lukewarm water. If skin irritation occurs, get medical advice or attention.
4. **Ingestion:** Rinse mouth with water. NEVER give anything by mouth if the victim is rapidly losing consciousness or is unconscious or convulsing. Do NOT induce vomiting. Call Poison Control Center or your doctor if you feel unwell.

**Please refer to the Safety Data Sheet in the SDS Notebooks for further information.**

**Manufactured by Virox Technologies Inc. 1-800-387-7578**