

Document Number: ANP015	Title: CLEANING SOLUTIONS <i>CONFIDENTIAL INFORMATION</i> MOLECULAR MEDICINE RESEARCH INSTITUTE	Effective Date: MAY 2016
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7.0 REFERENCES

MSDS for Hard Surface Cleaning and Disinfecting Product
 MSDS for Alternate Hard Surface Cleaning and Disinfecting Product
 MSDS for Surgical Prep Product
 MSDS for Aerosol Disinfectant
 MSDS for Instrument Sterilant
 MSDS for Ultrasonic Bath Solution
 MSDS for Enzymatic Cleaner

8.0 PROCEDURE

8.1 Hard Surface Cleaner and Disinfectant

- 8.1.1 The Hard Surface Cleaner and Disinfectant currently in use at MMRI is: KennelSol. KennelSol is a quaternary-based broad spectrum germicidal detergent, deodorizer and disinfectant formulated for animal care facilities. It can be used on all non-porous hard surfaces and equipment.
- 8.1.2 Remove gross filth and heavy soil before application of the use-solution of the product.
- 8.1.3 Measure and dispense 2 ounce or 60 cc of product per gallon or 2.2 liters of water. Always add the product TO the water.
- 8.1.4 Gently mix until the solution is uniform. Split the solution into spray bottles so that each animal room / procedure room gets its own spray bottle
- 8.1.5 Apply use solution to the surface by coarse spray using normal cleaning methods appropriate for the surface.
- 8.1.6 Allow the treated surfaces to remain wet for 10 minutes and then wipe off using clean paper towels.
- 8.1.7 Discard use solution after 3 months and prepare fresh solution for future uses by following directions for use that are written on the product bottle.

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8.1.8 Do not mix other chemicals with the product.

8.2 Alternate Hard Surface Cleaner and Disinfectant

8.2.1 The alternate Hard Surface Cleaner and Disinfectant currently in use at MMRI is TBQ from ConvaTec. TBQ is a quaternary-based general cleaner and disinfectant that will kill the tuberculin bacteria as well as a variety of viruses. MMRI will alternate the use of this cleaner and disinfectant with the KennelSol product. The purpose of alternating the cleaner is to prevent the development of resistant bacteria. This product is also for use on all hard non-porous surfaces and equipment

8.2.2 Remove and rinse off gross filth and heavy soil before application of the use-solution of the product.

8.2.3 Measure and dispense 1 ounce or 30 cc of product per gallon or 2.2 liters of water. Always add the product TO the water.

8.2.4 Gently mix until the solution is uniform. Split the solution into spray bottles so that each animal room / procedure room gets its own spray bottle

8.2.5 Apply use solution to the surface by coarse spray using normal cleaning methods appropriate for the surface

8.2.6 Allow the treated surfaces to remain wet for 10 minutes and then wipe off using clean paper towels

8.2.7 Discard use solution after 3 months and prepare fresh solution for future use by following directions for use that are written on product bottle

8.2.8 Do not mix other chemicals with the product

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8.3 Aerosol Spray Disinfectant

- 8.3.1 The Aerosol Spray Disinfectant currently in use at MMRI is: KennelSol. This product is used to disinfect the outside of the animal shipping crates before the crates are moved in the facility's animal rooms.
- 8.3.2 Place the crates in a single layer on a cart at the end of the hallway.
- 8.3.3 Holding the spray bottle no closer than 4 inches and not further than 10 inches away from the boxes, spray a mist over the surface of the boxes. The mist should cover all the surfaces of the box and make the box surface slightly damp. Pick up each box and spray the under side.
- 8.3.4 Allow the boxes to remain in the hallway/loading dock for at least 5 minutes before moving them into the animal room.

8.4 Surgical Disinfectant

- 8.4.1 The surgical disinfectant currently in use at MMRI is Nolvasan from Fort Dodge. The active ingredient in Nolvasan is a Chlorhexadine diacetate. The surgical disinfectant is used by swabbing on the skin prior to a surgical incision and soaking instruments at time they are not being used during surgery.
- 8.4.2 To one pre-measured gallon of water, add 3 ounces (90 cc) of concentrated disinfectant. Mix well.
- 8.4.3 The effectiveness of the product depends on the length of contact time it has with the surface. Most products need at least 10 minutes to kill all the bacteria on the claim list.

8.5 Instrument Germicide

- 8.5.1 The instrument Germicide currently in use at MMRI is O-Syl from Lehn & Fink.
- 8.5.2 Remove and rinse off gross filth and heavy soil before soaking the instruments in the use-solution of the product.

