



**Florida State University  
Laboratory Animal Resources**

**Cleaning and Disinfection of the Micro- and Macro- Environment**

<b>Area</b>	<b>Washing/Sanitizing Method</b>	<b>Washing/Sanitizing Frequency</b>	<b>Chemical(s) Used*</b>
<b>Micro-environment</b>			
Solid-bottom cages (static)	Mechanical washer	Minimally weekly	Non-chlorinated alkaline detergent
Solid-bottom cages (IVC)	Mechanical washer	Biweekly	Non-chlorinated alkaline detergent
Cage lids	Mechanical washer	Biweekly	Non-chlorinated alkaline detergent
Filter tops	Mechanical washer	Biweekly	Non-chlorinated alkaline detergent
Cage racks and shelves	Mechanical washer	Semi-annually	Phosphoric acid detergent
Feeders	Mechanical washer	Biweekly	Non-chlorinated alkaline detergent
Watering devices	Mechanical washer	Weekly	Non-chlorinated alkaline detergent
Manipulanda used in environmental enrichment programs	Mechanical washer	Biweekly	Non-chlorinated alkaline detergent
Transport totes	Handwashing	After each use	Hydrogen Peroxide; Quaternary ammonium chloride
Euthanasia chambers	Hand cleaning	After each use	Hydrogen Peroxide; Quaternary ammonium chloride
Aquatic tanks (freshwater)	Hand cleaning	Weekly, monthly or end of experiment	Dilute bleach
Aquatic tanks (saltwater)	Hand cleaning	At end of experiment	Freshwater
Snake cages	Hand cleaning	Every 7-10 days	Dish soap; Dilute bleach
Snake water bowls	Hand cleaning	Every 7-10 days	Dish soap, Dilute bleach
Reptile racks	Hand cleaning	As needed	Not applicable

**\*Please see table at the end of the document for trade names.**

Area	Washing/Sanitizing Method	Washing/Sanitizing Frequency	Chemical(s) Used*
<b>Marco-environment</b>			
<b>Animal Housing Rooms:</b>			
Floors	Sweeping/Mopping	Swept daily Mopped weekly	Quaternary ammonium chloride
Floors, aquatic	Sweeping/mopping	Weekly to bi-weekly	Water; Vinegar/water; Dilute bleach
Floors, reptile	sweeping/mopping	Swept daily, mopped weekly	Quaternary ammonium chloride
Walls	Hand cleaning	When emptied	Quaternary ammonium chloride
Ceilings	Hand cleaning	When emptied	Quaternary ammonium chloride
Ducts/Pipes	Hand cleaning	When emptied	Quaternary ammonium chloride
Feed Barrels	Hand cleaning	Semi-annually	Quaternary ammonium chloride
Fixtures	Hand cleaning	When emptied	Quaternary ammonium chloride
Aquaria nets	Hand cleaning	After each use	Diluted bleach; Benzalkonium chloride + methylene blue; Water
Snake handling tools	Hand cleaning	After each use	Dish soap
<b>Corridors:</b>			
Floors	Sweeping/Mopping	Swept daily Mopped weekly	Quaternary ammonium chloride
Walls	Dusting	As needed	Not applicable
Ceilings	Dusting	As needed	Not applicable
<b>Area</b>	<b>Washing/Sanitizing Method</b>	<b>Washing/Sanitizing Frequency</b>	<b>Chemical(s) Used*</b>
<b>Corridors:</b>			
Ducts/Pipes	Hand cleaning	As needed	Not applicable
Fixtures	Hand cleaning	As needed	Not applicable
<b>Support Areas:</b>			
Floors	Sweeping/Mopping	Swept weekly Mopped weekly	Not applicable
Walls	Hand cleaning	As needed	Not applicable
Ceilings	Hand cleaning	As needed	Not applicable
Ducts/Pipes	Hand cleaning	As needed	Not applicable
Fixtures	Hand cleaning	As needed	Not applicable
<b>Implements:</b>			
Mops	Replaced quarterly	Not applicable	Not applicable

\*Please see table at the end of the document for trade names.

Mop buckets	Mechanical washer	Monthly	Chlorinated alkaline detergent
<b>Area</b>	<b>Washing/Sanitizing Method</b>	<b>Washing/Sanitizing Frequency</b>	<b>Chemical(s) Used*</b>
<b>Marco-environment</b>			
<b>Other:</b>			
Animal transport vehicles	Pressure spraying	Monthly	Quaternary ammonium chloride
Utility carts	Mechanical washer	After each use	Non-chlorinated alkaline detergent

<b>Chemical(s) Used</b>	<b>Chemical Trade Name</b>
Non-Chlorinated alkaline detergent	Alka-Det HW
Phosphoric acid detergent	Acid Power
Hydrogen Peroxide	Accel TB
Quaternary ammonium chloride	Quatricide PV

Approval date: May 8, 2018

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