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Enzyron Soaking Station Standard Operating Procedure (SOP)

Introduction:

The Enzyron Soaking Station is a large tub with a drain on the bottom, a steel basket that lowers into the tub, and wheels. It is primarily designed for use with enzymatic detergents like Vigor, and for use in animal care facilities for precleaning enrichment devices and aquatics caging. This SOP is intended for vivarium and aquatics research techs who are responsible for the use and maintenance of the Enzyron Soaking Station.

Equipment and Materials:

- Enzyron Soaking Station
- Enzymatic detergent (e.g. Vigor)
- Clean water
- Rubber gloves
- Cleaning brush (optional)

Step 1: Prepare the Soaking Solution

- a) Fill the Enzyron Soaking Station tub with clean water.



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- b) Follow the manufacturer's instructions for the recommended dilution of the enzymatic detergent. For Vigor, typically a dilution of 1:10 for heavy cleaning, 1:32 for moderate soil load, and 1:64 for light everyday cleaning is recommended.
- c) Mix the solution thoroughly.

Step 2: Soak the Enrichment Devices and Aquatics Caging

- a) Place the enrichment devices and aquatics caging in the steel basket and lower it into the tub.
- b) Allow the items to soak in the solution for the recommended time, typically around 20-30 minutes.
- c) If desired, use a cleaning brush to gently scrub any visible dirt or biofilm.

Step 3: Drain the Soaking Solution

- a) Remove the steel basket from the tub and drain the solution through the bottom drain.
- b) Step 4: Clean and Disinfect the Enrichment Devices and Aquatics Caging
- c) Rinse the enrichment devices and aquatics caging thoroughly with clean water to remove any remaining detergent residue.
- d) Follow your facility's standard procedures for cleaning and disinfecting the items, whether it is through rack and tunnel washing or using other appropriate disinfectants.

Step 5: Clean and Maintain the Enzyron Soaking Station

- a) Drain any remaining water from the tub and wipe down the interior and exterior surfaces with a clean, damp cloth.
- b) If necessary, use a mild detergent to clean the Enzyron Soaking Station.
- c) Follow the manufacturer's instructions for any additional maintenance or troubleshooting.
- d) Store the Enzyron Soaking Station in a dry, well-ventilated area when not in use.



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Conclusion:

By following this SOP, vivarium and aquatics research techs can effectively use the Enzyron Soaking Station for precleaning enrichment devices and aquatics caging and maintain it in a safe and effective manner. Remember to always follow your facility's standard procedures for cleaning and disinfecting the items after precleaning, so you can ensure a safe and healthy environment for your animal models.