Chemical Labeling Standard for Secondary Containers

1.0 PURPOSE:

1.1 These guidelines specify the procedures endorsed by the UGA IACUC for the proper labeling of chemical solution secondary containers used for cleaning, decontamination and disinfection of animal facilities and equipment.

1.1.1 Secondary containers are typically used for dispensing diluted chemicals at the point of use.

1.2 These guidelines are intended to advise Principal Investigator labs and satellite facilities that do not have an SOP for chemical labeling.

2.0 STANDARDS:

2.1 Labeling is not required of secondary containers which are intended only for the immediate use of the person who mixes the chemical or performs the transfer from the original labeled container.

2.2 All secondary chemical containers can have a National Fire Protection Agency (NFPA) safety diamond affixed (see Attachment 1).

2.3 All secondary chemical containers must have a UGA-URAR chemical label affixed (see Attachment 1), or other comparable labeling.

2.4 Informational sheets regarding NFPA Standard System of the Identification of the Hazards of Materials for Emergency Response must be posted in an easily visible area in the animal facility.

3.0 SPECIAL CONSIDERATIONS:

3.1 Health and Safety:

3.1.1 Follow all Personal Protection Equipment (PPE) requirements, according to the Safety Data Sheet (SDS) for each chemical and any supplemental rules of the lab or facility.

3.1.2 Follow all manufacturer instructions when mixing a chemical and using equipment.

3.1.3 Be familiar with the locations of all safety equipment in the lab or facility, such as fire extinguishers, fire alarms, first aid kits, eye wash stations, and safety showers.

3.1.4 Personnel should wash their hands and lower arm areas after handling, mixing or transporting chemicals.

3.1.5 Exposure must be reported immediately to the PI or supervisor and personnel should seek medical attention if necessary.

4.0 MATERIALS:

4.1 Equipment:

4.1.1 Empty chemical spray bottles w/nozzles

4.1.2 Other secondary chemical containers, as required for the application or mixing

4.1.3 UGA-URAR secondary chemical labels or other comparable labeling

4.1.4 NFPA safety diamond label
4.2 Chemicals:

4.2.1 Prescribed for the particular application

5.0 PROCEDURES:

5.1 Labeling:

5.1.1 Following manufacturer specifications/directions while mixing chemicals for a specific application and use. Always wear appropriate PPE.

5.1.2 Complete a blank UGA-URAR chemical label, or other comparable labeling, with the following information:

5.1.2.1 Chemical Name: Common name only; don’t use chemical formulas.

5.1.2.2 Primary Hazard: Identify the chemical’s most significant risk to the user (e.g. flammable, caustic, etc.)

5.1.2.3 Date Mixed: Record date chemical solution was prepared

5.1.2.4 Replace After: Record the date the chemical solution expires.

5.1.2.5 Initials: Record the initials of the individual preparing the chemical solution

5.1.2.6 Other Comments: Include any other pertinent information about the use of the chemical (e.g. only use in a hood)

5.1.3 Affix the chemical label to the chemical container.

5.1.4 Complete a blank NFPA safety diamond label with the following information by completing with the appropriate identifying symbols. Refer to the chemical's SDS for this information.

5.1.4.1 Health Hazard

5.1.4.2 Fire Hazard

5.1.4.3 Specific Hazard

5.1.4.4 Reactivity

5.1.5 Affix the NFPA label to the chemical container.

6.0 RECORDS: N/A

7.0 DEFINITIONS AND REFERENCES:

7.1 Definitions:

7.1.1 Personal Protective Equipment (PPE): Articles of clothing and equipment that protect workers from direct contact with, or inhalation or ingestion of infectious, toxic, or corrosive agents and from temperature extremes or other physical hazards
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7.2 References:

National Research Council of the National Academies, *Guide for the Care and Use of Laboratory Animals*, 8th edition
OSHA Laboratory Standard 29 CFR 1910.1450
OSHA 29 CFR 1910.1200

Attachment 1

<table>
<thead>
<tr>
<th>Chemical Name: ____________________________</th>
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<tbody>
<tr>
<td>Primary Hazard: ___________________________</td>
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<tr>
<td>Date Mixed: ______________________________</td>
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<tr>
<td>Replace After: _____________________________</td>
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<tr>
<td>Initials: _________________________________</td>
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<tr>
<td>Other Comments: ___________________________</td>
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![Chemical Labeling Diagram](image-url)