

# Chemical Labeling Standard for Secondary Containers

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## 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

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## 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*, 8<sup>th</sup> edition

National Research Council, Institute of Laboratory Animal Resources, *Occupational Health and Safety in the Care and Use of Research Animals*, 1997

OSHA Laboratory Standard 29 CFR 1910.1450

OSHA 29 CFR 1910.1200

## Attachment 1

Chemical Name: _____
Primary Hazard: _____
Date Mixed: _____
Replace After: _____
Initials: _____
Other Comments: _____

