**University of Kansas**

**Dept. of Environment, Health & Safety**

**Hazardous Chemical Standard Operating Procedure**

Principal Investigator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Building\_ Room(s) \_\_\_\_\_\_\_\_\_\_Department\_\_\_\_

**1. Introduction & Process Description**

**2. Specific Chemical(s) of Concern and Hazard Assessment(s)**

Chemical:

Formula:

CAS#:

Hazard Concern/Assessment:

**3. Hazard Controls**

 **A. Administrative**

Purchases:

Storage:

Emergency Contact:

 **B. Engineering**

Work Area:

Ventilation:

Safety Equipment:

 **C. Personal Protective Equipment:**

Required PPE:

**4. Information and Training**

Only active lab personnel who have successfully been trained may use this/these chemicals.

Training must include:

Completion of applicable EHS online safety modules (documented online).

Completion of PI required specific training (documented by PI).

**5. Medical Factors & Surveillance**

All potential laboratory exposures will be handled according to \_\_\_\_\_\_\_\_\_\_ and as applicable according to the OSHA Standards (1910.1028 & 1910.1052).

 Emergency procedures in case of exposure**:**

*Contact with eyes* – Flush eyes with water for at least 15 minutes and get medical aid.

*Contact with skin* – Flush skin with soap and plenty of water, remove contaminated clothing and get medical aid if necessary.

*Ingestion* – Get medical aid immediately, do not induce vomiting.

*Inhalation* – Move to fresh air, give artificial respiration if person not breathing, if breathing difficult give oxygen and get medical aid.

**6. Waste Disposal**

**Chemical waste**

Chemical waste must be disposed of in accordance with the KU EHS Hazardous Materials Waste Management Manual. Waste must be stored in EHS approved container. Waste container must be labeled with EHS waste label and a strict list of contents / dates added must be kept. When container is full complete an Official EHS Hazardous Materials Label and immediately contact EHS for a pick-up (www.ehs.ku.edu).

A**nimal Carcass & Bedding Waste**

Bedding waste and animal carcasses will be labeled and bagged separately from our normal lab animal waste and sent to the KU animal care unit for incineration.

**Chemical spills**

In case of small spill use proper PPE as indicated above. Use EHS spill kit to clean up. Contact EHS (www.ehs.ku.edu) for waste pick-up. For large spills vacate room, close door and call EHS 785-864-4089.

**7. Record Keeping**

All potential laboratory exposures will be handled according KU policy & procedures and as applicable according to the OSHA Standards (1910.1028 & 1910.1052).

**8. Attachment of Safety Data Sheets (SDS(s)) and other necessary sheets**

 SDS attached.

**APPROVALS**

Written by: \_ Date: \_\_

Approved by: \_Dr. Date: \_\_\_\_

 PI

Approved by: \_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_

 Mike Russell

 KU-EHS Dept.

EHS Permit/Approval#: \_\_