****

Institutional Animal care and Use Committee (IACUC)

**Appendix I**

Hazardous Chemicals, Radioactive Materials, and Ionizing Radiation Sources

If using hazardous chemical(s), radioactive materials, and/or ionizing radiation sources, a copy of this protocol must be submitted to UWL’s Environmental Health and Safety (EHS) Officer (dsweetman@uwlax.edu**)** for review and approval. If needed, contact EHS for guidance on containment and disposal. A copy of the application and a letter from EHS stating your protocol has been reviewed and approved is required for final IACUC approval. Refer to the [IACUC policy](https://www.uwlax.edu/iacuc/use-of-hazardous-agents-in-live-animals/) for more information.

If you have questions about whether your research materials qualify as a hazardous biological agent, please contact dsweetman@uwlax.edu.

1. **Hazardous Chemicals:**
2. **Details of Chemical Use:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Chemical Name** |  **Primary Chemical Hazard(s) (carcinogen, toxin, teratogen…)** | **Route of Administration** | **Dosage** | **Route of Excretion** | **Is the carcass hazardous?** | **Is the bedding or caging hazardous?** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

1. **Details of Disposal:**

**Outline how chemicals will be disposed:**

**2. Radioactive Materials and Ionizing Radiation Sources:**

1. **Details of Use:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Radioactive Materials, X-Ray Equipment Used** | **Monitoring Equipment** | **Method of Exposure** | **Activity to be Administered****(µCi/mCi)** | **Route of Excretion** | **Activity Excreted (µCi/mCi)** | **Is the carcass hazardous?** | **Is the bedding or caging hazardous?** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

1. **Details of Disposal:**

**Outline how radioactive materials will be disposed:**

**3. Safety Procedures for Animal Handlers:**

1. **Describe Engineering Controls** (e.g., biological safety cabinet, fume hood, control of fugitive emissions of gases, barriers, enclosures):
2. **Describe Administrative Controls and Work Practices** (e.g., safety training provided to Animal Handlers, special/unique safety procedures, biological monitoring of animal handlers, pre-placement medical exam):

1. **Personal Protective Equipment (PPE).** Check all PPE that will be used.

|  |  |  |
| --- | --- | --- |
|  | **Gloves – Type and single or double layer** |  |
|  | **Lab Coat** |
|  | **Shoe Covers** |
|  | **Safety Glasses** |
|  | **Chemical Goggles** |
|  | **Face Shield** |
|  | **Hair Cover** |
|  | **Surgical Face Mask** |
|  | **Particulate Respirator (Training must be provided by EHS)** |

 **d. Other Precautionary Measures and Procedures:**

|  |
| --- |
|  |