


| Standard Operating Procedures for Chemicals or Processes | |
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| #1 Process (if applicable) | Caterpillar Diet |
| #2 Chemicals and Hazards | <ol style="list-style-type: none"> 1. Casein 2. Cholesterol 3. L-Ascorbic Acid 4. Sorbic Acid 5. Streptomycin Sulfate 6. Vitamin mixture for insects 7. Wesson Salt Mix |
| #3 Personal Protective Equipment (PPE) | <p>Autoclave gloves are recommended for handling boiling water used in the diet-making protocol.</p> <p>Wear protective gloves/ eye protection/ and face protection when handling Sorbic Acid</p> <p>Wear protective gloves/protective clothing/eye protection/face protection when handling Streptomycin Sulfate. Do not eat, drink or smoke when using this product.</p> |
| #4 Environmental/Ventilation Controls | None |
| #5 Special Handling Procedures & Storage Requirements | <p>Cholesterol is stored in -20°C freezer in the hallway next to LSB 421.</p> <p>Streptomycin Sulfate is stored in 2-8 °C fridge in the hallway next to LSB 421</p> |
| #6 Spill and Accident Procedures | <p>In the event of a spill, clean up immediately. If the spill is large, isolate area and deny entry. Provide ventilation. Care should be taken to avoid direct body contact and inhalation. Carefully wipe up spill. Approach spill from upwind. If spill is too large to safely clean up, leave the room and call the UW EH&S Spills Line at 206-543-0467. If exposed, remove contaminated clothing and shoes, and flush skin with plenty of water for at least 15 minutes. If someone is incapacitated, call 911 and initiate first aid if possible.</p> <p>Fire Fighting Measures: For small fires, personnel trained in the use of the lab fire extinguisher may attempt to put out fire. In the event of a large fire, or if no trained personnel are present, evacuate the premises and call 911 immediately.</p> |
| #7 Waste Disposal | <p>For spills: place used absorbent in 4 L HDPE storage bottle.</p> <p>For all waste, label with Hazardous Waste Labelo, accumulate</p> |

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| | | according to requirements, and send in Chemical Collection Request or Routine Pickup request, both available online at http://www.ehs.washington.edu/chemical/hazardous-chemical-waste-disposal . |
| #8 Special Precautions for Animal Use (if applicable) | | |
| Particularly hazardous substances involved? | <input type="checkbox"/> YES: | Blocks #9 to #11 are Mandatory. |
| | <input checked="" type="checkbox"/> NO: | Blocks #9 to #11 are Optional. |

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| #9 Approval Required | |
| #10 Decontamination | |
| #11 Designated Area | |
| Name: Lauren Buckley Title: PI | |
| Signature |  |
| Date: 5/19/2023 | |