

Phenol

Standard Operating Procedures for Chemicals or Processes					
1 Process (if applicable)	Phenol Use in molecular biology.				
2 Hazardous Materials and Chemicals	Causes severe burns, toxic if inhaled or skin contact, poison, readily absorbed by skin.				
3 Environmental / Ventilation Controls	A protective shield is required around all pressurized systems handling phenol. Use phenol only in the fume hood at*				
4 Personal Protective Equipment (PPE)	Neoprene or natural rubber gloves, double gloves; lab coat; chemical goggles. A rubber or neoprene apron must be worn when pouring liquids and splashes may occur.				
5 Special Handling Procedures & Storage	Store saturated phenol in the cold (4°C)				
6 Spill and Accident Procedures	Use drench shower or eyewash immediately if any contact with skin/eyes, and seek medical attention. Personnel in this lab are only allowed to clean up spills inside the fume hood of _____ ml or less using absorbent. For spills outside the fume hood or larger spills, evacuate the laboratory, prevent re-entry by un-authorized personnel, and call the UW Safety - RMMC at (307-766-3698) for help.				
7 Waste Disposal	Label with Hazardous Waste Label, accumulate according to requirements, and send in the Waste Request form located at: http://www.uwyo.edu/safety				
8 Special Precautions for Animal Use (if applies)	*				
Particularly hazardous substance involved?	<table style="width: 100%; border: none;"> <tr> <td style="width: 30%; border: none;"><input checked="" type="checkbox"/> YES:</td> <td style="border: none;">Blocks 9 to 11 are Mandatory</td> </tr> <tr> <td style="border: none;"><input type="checkbox"/> NO:</td> <td style="border: none;">Blocks 9 to 11 are Optional.</td> </tr> </table>	<input checked="" type="checkbox"/> YES:	Blocks 9 to 11 are Mandatory	<input type="checkbox"/> NO:	Blocks 9 to 11 are Optional.
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9 Approval Required	Approval by PI before first use.				
10 Decontamination	Wear face shield to protect face and eyes from splatters, rubber gloves, boots and apron. Flood area with water and cover with caustic soda ash to neutralize any un-absorbed phenol.				
11 Designated Area	Inside fume hood only.				
Name (print) (Assessor):	Title:				
Signature (Assessor):	Date:				
Name (print) (PI, Lab Manager, or Unit Head):	Title:				
Signature (PI, Lab Manager, or Unit Head):	Date:				
Date Sent to UW Safety:					