

Pyrophorics and Air Reactives

Standard Operating Procedures for Chemicals or Processes					
1 Process (if applicable)	Pyrophoric and Air Reactive chemicals - handling, dispensing, and diluting including. SDS available				
2 Chemicals	Finely divided metals, alkali metals, metal and non-metal hydrides, Grignard reagents, metal carbonyls, halides of non-metals metal alkyls, organic acid halides and anhydrides, etc.				
3 Personal Protective Equipment (PPE)	Flame Retardant Lab Coats, proper gloves, safety eyewear (that meets ANSI Z.87.1-2003)				
4 Environmental / Ventilation Controls	Conduct work in a fume hood or glove boxes. Think about other protect barriers to offer protection against an explosion.				
5 Special Handling Procedures & Storage Requirements	Consider the type of atmosphere these materials should be stored/worked in. What not to store the materials near. Techniques for reagent transfer				
6 Spill and Accident Procedures	Have the appropriate inert materials available for cleanup. Call UW-PD in case of an emergency. Locate the proper fire extinguisher. First Aid kits.				
7 Waste Disposal	If disposing of as hazardous waste, label with Hazardous Waste Label, accumulate according to requirements, and send in Waste Pickup request available at: http://www.uwyo.edu/safety				
8 Special Precautions for Animal Use (if applicable)	*				
Particularly hazardous substance involved?	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">__ YES:</td> <td style="text-align: center;">Blocks 9 to 11 are Mandatory</td> </tr> <tr> <td style="text-align: center;">.X NO:</td> <td style="text-align: center;">Blocks 9 to 11 are Optional.</td> </tr> </table>	__ YES:	Blocks 9 to 11 are Mandatory	.X NO:	Blocks 9 to 11 are Optional.
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9 Approval Required					
10 Decontamination					
11 Designated Area					
Name (Assessor):	Title:				
Signature:	Date:				
Name (PI, Lab Manager, or Unit Head):	Title:				
Signature (PI, Lab Manager, or Unit Head):	Date:				
Date Sent to UW Safety:					