

Peroxide-Forming Chemicals Use

Standard Operating Procedures for Chemicals or Processes	
1 Process	Peroxide forming chemicals - use and storage including:
2 Chemicals	These chemicals can form highly explosive peroxide compounds as impurities when exposed to air over a period of time. Peroxide formation is prevented by strict inventory control of opened peroxidizable chemicals. Most compounds are also flammable and toxic.
3 Environmental / Ventilation Controls	Peroxidizable compounds should be dispensed in a fume hood.
4 Personal Protective Equipment (PPE)	Wear goggles and butyl gloves unless other hazards indicate another selection. A lab coat or apron is recommended for personal protection.
5 Special Handling Procedures & Storage Requirements	Store separate from acids, bases, and oxidizers. Store in metal safety cans if possible. Label all containers with the date the original container was opened. If transferred to another container, label with the date the original container was opened. Discard any remaining chemical at the end of the time limit. Do not open jars that show any sign of aging or crystal formation. Peroxidizable chemicals are stored _____.
6 Spill and Accident Procedures	Remove all sources of ignition from the spill area. Wipe down spill area with solvent absorbent pads.
7 Waste Disposal	Label with Hazardous Waste Label, accumulate according to requirements, and send in Waste Pickup request, available online at http://www.uwyo.edu/safety or contact UW Safety - RMMC at 307-766-3698.
8 Special Precautions for Animal Use	*
Particularly hazardous substance involved?	<input type="checkbox"/> YES: Blocks 9 to 11 are Mandatory
	<input checked="" type="checkbox"/> NO: Blocks 9 to 11 are Optional.
9 Approval Required	N/A
10 Decontamination	N/A
11 Designated Area	N/A
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: _____	