

University of Washington

Standard Operating Procedures for Chemicals or Processes					
#1 Process (if applicable)	Acids are used for various procedures including titration of buffers, tissue fixation, cleaning or etching of laboratory glassware.				
#2 Chemicals	Hydrochloric, glacial acetic, sulfuric, nitric, and picric acids are on hand. All are stored in the left-hand cabinet beneath the fume hood in CD 186D.				
#3 Personal Protective Equipment (PPE)	Lab coat, nitrile gloves, eye protection. Heavy duty neoprene gloves should be worn when handling concentrated acids.				
#4 Environmental / Ventilation Controls	Acids are only dispensed in fume hood in CD 186A or CD 186D				
#5 Special Handling Procedures & Storage Requirements	When diluting acids, gradually add small amounts to the solution being made and mix thoroughly to dissipate heat. Acids are stored in the left-hand cabinet beneath the fume hood in CD 186D.				
#6 Spill and Accident Procedures	Skin contact: flush with copious amount of water; seek medical attention. Neutralize spills with sodium bicarbonate. Spill kit is in knee well next to the key drawer in CD 186A.				
#7 Waste Disposal	Small amounts of acid may be neutralized prior to sewer disposal (see Appendix F). Waste acids are saved in glass container for pick up by EH&S.				
#8 Special Precautions for Animal Use (if applicable)					
Particularly hazardous substance involved?	<table border="0" style="width: 100%;"> <tr> <td style="text-align: center;">YES:</td> <td style="text-align: center;">Blocks #9 to #11 are Mandatory</td> </tr> <tr> <td style="text-align: center;"><input checked="" type="checkbox"/> NO:</td> <td style="text-align: center;">Blocks #9 to #11 are Optional.</td> </tr> </table>	YES:	Blocks #9 to #11 are Mandatory	<input checked="" type="checkbox"/> NO:	Blocks #9 to #11 are Optional.
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:	E. W Rubel				
Signature:	Title:				
	Date: Jan. 10. 2004				