

University of Washington

Standard Operating Procedures for Chemicals or Processes					
#1 Process (if applicable)	Titration of buffers, denaturation of DNA, etching plastic.				
#2 Chemicals	Sodium and potassium hydroxide.				
#3 Personal Protective Equipment (PPE)	Lab coat, gloves, eye protection. Use heavy duty neoprene gloves for concentrated bases.				
#4 Environmental / Ventilation Controls	Concentrated bases should be dispensed in the fume hood in CD186A.				
#5 Special Handling Procedures & Storage Requirements	Small amounts should be added gradually to water and mixed to dissipate heat. Store separately from acids, oxidizers, solvents. Transport 1 liter (or greater) quantities in spill-proof carrier. Stored in chemical shelf and behind pH meter in CD 186A.				
#6 Spill and Accident Procedures	Skin contact: flush affected area with water for 15 mins. Obtain medical attention. Neutralize spills with citric acid located in knee well beside key drawer in CD 186A.				
#7 Waste Disposal	Small quantities may may neutralized (pH<10) and discharged to sewer. Large quantities (>1 liter) must be collected by EH&S.				
#8 Special Precautions for Animal Use (if applicable)	N/A				
Particularly hazardous substance involved?	<table border="0"> <tr> <td>YES:</td> <td>Blocks #9 to #11 are Mandatory</td> </tr> <tr> <td><input checked="" type="checkbox"/> NO:</td> <td>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.
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#9 Approval Required					
#10 Decontamination					
#11 Designated Area					
Name:	E. W Rubel Dr. Jennifer Stone Title:				
Signature:	<i>E. W. Rubel</i> Date: Jan. 31. 2004				