

## Acrylamide

Standard Operating Procedures for Chemicals or Processes	
1 Process (if applicable)	Use of Acrylamide. Use in polyacrylamide gels.
2 Hazardous Materials and Chemicals	Un-polymerized acrylamide is toxic (neurotoxin) and suspect carcinogen.
3 Environmental/Ventilation	Handle powder inside the designated fume hood located in *
4 Personal Protective Equipment (PPE)	Double layers of nitrile gloves, lab coat, and goggles required when handling the solid powder. Use diapers when pouring gels.
5 Special Handling Procedures & Storage Requirements	Avoid getting the unpolymerized acrylamide on skin, gloves, clothing, etc.
6 Spill and Accident Procedures	If skin contact is made, wash copiously with water. Call Poison Control Center if necessary. Absorb spill with diatomaceous earth and call UW Safety - RMMC for further information at 307-766-3698.
7 Waste Disposal	Polymerized acrylamide is non-toxic and can be disposed in the trash. Unpolymerized liquid is hazardous waste. Label with Hazardous Waste Label, accumulate according to requirements, and contact RMMC (Regulated Materials Management Center) for more information. Go to UW Safety website for hazardous waste information.
8 Special Precautions for Animal Use (if applies)	N/A
Particularly hazardous substance involved?	<input checked="" type="checkbox"/> YES:                      Blocks 9 to 11 are Mandatory <input type="checkbox"/> NO:                                Blocks 9 to 11 are Optional.
9 Approval Required	Users must receive specific process training and information about acrylamide from their supervisor before being authorized to perform procedures.
10 Decontamination	Double nitrile gloves. Use copious amounts of soap and water.
11 Designated Area	Inside fume hood between microscope and water bath.
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: _____	