

# SOP for Formamide

University of Washington

Standard Operating Procedures for Chemicals or Processes	
#1 Process (if applicable)	
#2 Chemicals	<p>Formamide, also known as methanimide, is an <b>irritant, reproductive hazard, and mutagen</b>.  Targeted organs include blood, central nervous system, liver, kidney, blood, central nervous system, liver, kidney  An <b>irritant</b> to eyes, skin, mucous membranes and respiratory system.  Harmful by ingestion, inhalation or skin absorption.</p>
#3 Personal Protective Equipment (PPE)	<p><b>Hand Protection</b>  Gloves must be worn. Use proper glove removal technique to avoid any skin contact.  <b>NOTE:</b> Consult with your preferred glove manufacturer to ensure that the gloves you plan on using are compatible with Formamide</p> <p><b>Eye Protection</b>  ANSI approved properly fitting safety glasses or chemical splash goggles.</p> <p><b>Skin and Body Protection</b>  Lab coats must be worn and buttoned to their full length. Laboratory coat sleeves must be of sufficient length to prevent skin exposure while wearing gloves. Personnel should also wear full length pants, or equivalent, and close-toed shoes. Full length pants and close-toed shoes must be worn at all times by all individuals that are occupying the laboratory area. The area of skin between the shoe and ankle should not be exposed.</p>
#4 Environmental / Ventilation Controls	
#5 Special Handling Procedures & Storage Requirements	<p>Precautions for safe handling: Avoid contact with skin and eyes and inhalation. Keep away from sources of ignition. Avoid heat and shock or friction when handling.</p> <p>Precautions for safe handling: Avoid contact with skin and eyes and inhalation. Keep away from sources of ignition. Avoid heat and shock or friction when handling.</p> <p>Conditions for safe storage: Keep container tightly closed in a cool, dry area. Keep away from incompatible materials and conditions. Store in original container. Store away from heat sources and in a flame proof area. Keep cool and protect from sunlight.</p>
#6 Spill and Accident Procedures	<p><b>Spill</b> – Assess the extent of danger. Help contaminated or injured persons. Evacuate the spill area. Avoid breathing vapors. If possible, confine the spill to a small area using a spill kit or absorbent material. Keep others from entering contaminated area (e.g., use caution tape, barriers, etc.).</p> <p><b>Small (&lt;1 L)</b> – If you have training, you may assist in the clean-up effort. Use appropriate personal protective equipment and clean-up material for chemical spilled. Double bag spill waste in clear plastic bags, label and take to the next chemical waste pick-up.</p> <p><b>Chemical Spill on Body or Clothes</b> – Remove clothing and rinse body thoroughly in emergency shower for at least 15 minutes. Seek medical attention. <i>Notify supervisor and EH&amp;S immediately.</i></p> <p><b>Chemical Splash Into Eyes</b> – Immediately rinse eyeball and inner surface of eyelid with water from the emergency eyewash station for 15 minutes by forcibly holding the eye open. Seek medical attention. <i>Notify supervisor and EH&amp;S immediately.</i></p>
#7 Waste Disposal	<p>Use proper personal protective equipment and properly dispose chemical. <i>According to UW general hazardous waste disposal guideline: label and</i></p>

	<i>coordinate pick up within 90 days.</i>		
#8 Special Precautions for Animal Use (if applicable)	NA		
Particularly hazardous substance involved?	<u>  </u> YES:	Blocks #9 to #11 are Mandatory	
	<u>  x  </u> NO:	Blocks #9 to #11 are Optional.	
#9 Approval Required			
#10 Decontamination			
#11 Designated Area			
Name: Priska von Haller Title: PhD			
Signature:		Date: 4/5/2023	

Environmental Health and Safety, Box 354400  
Supervisor

*\*to be filled in by PI or*