##### SOP for n-Butylamine

University of Washington

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| Standard Operating Procedures for Chemicals or Processes | | | |
| #1 Process  (if applicable) | Used in mass spec calibration solutions | | |
| #2 Chemicals | Amine Compounds include:  Butylamine  Diisopropylamine  Ethanolamine  Isopropylamine | | |
| #3 Personal Protective Equipment (PPE) | * Safety glasses, goggles or face shields shall be worn during operations in which AMINE * COMPOUNDS might contact the eyes (e.g., through vapors or splashes of solution). * Use disposable nitrile gloves when working with chemicals. * Button lab coats, closed toed shoes, long pants and long sleeved clothing shall be worn | | |
| #4 Environmental /  Ventilation Controls | Flammable  Butylamine, Diisopropylamine, and Isopropylamine have flash point less than  20ºF.  Butylamine may corrode some metals in presence of water. | | |
| #5 Special Handling Procedures & Storage Requirements | Store AMINE COMPOUNDS in a flammable storage cabinet.  Keep tightly closed.  Hygroscopic.  Store in a cool dry place. | | |
| #6 Spill and Accident Procedures | Clean minor spill using spill kit and dispose of according to chem waste policies. | | |
| #7 Waste Disposal | Chemicals shall not be drain disposed unless prior approval is given by EH&S.  Excess AMINE COMPOUNDS and all waste material containing AMINE COMPOUNDS  must be placed in an unbreakable secondary container labeled with the following  “HAZARDOUS WASTE AMINE COMPOUNDS”.  Full containers of AMINE COMPOUNDS waste must be disposed of according to the UW policies | | |
| #8 Special Precautions for Animal Use  (if applicable) | NA | | |
| Particularly hazardous  substance involved? | | YES: | Blocks #9 to #11 are Mandatory |
| NO: | Blocks #9 to #11 are Optional. |
| #9 Approval Required | NA | | |
| #10 Decontamination | NA | | |
| #11 Designated Area | NA | | |
| Name: Priska von Haller Title: PhD | | | |
| Signature:A close-up of a signature  Description automatically generated Date: 4/5/2023 | | | |

Environmental Health and Safety, Box 354400 \**to be filled in by PI or Supervisor*