SOP for n-Butylamine

University of Washington

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
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Signature: Date: 4/5/2023	