

UVM LAB WASTE DISPOSAL GUIDE



www.uvm.edu/safety
safety@uvm.edu



UNCONTAMINATED LAB WASTE							
Non Haz	Used PPE that is not contaminated (e.g. used gloves, paper towels, booties, disposable lab coats, etc.)		✓				
	Uncontaminated Pipettes/pasteur pipettes used with non-hazardous solutions			✓			
	Emptied and uncontaminated syringes only - No needles . Needles must go into sharps container. Note: Never remove needles from the syringe.			✓			
	All other SOLID uncontaminated lab-related waste.			✓			
CHEMICAL WASTE www.uvm.edu/safety/lab/dispose-of-old-expired-or-waste-chemicals							
Empty Containers from ACUTELY TOXIC chemicals (e.g. Sodium Azide, Cyanides, Osmium Tetroxide, etc.) Do Not Rinse .							✓
Empty Chemical Containers: Rinse. Deface label with a permanent black marker. Place in regular trash. Do Not Recycle .		✓					
Old, Expired Hazardous Chemicals: If disposing of 15+ containers, contact Safety staff to help sort, group and tag chemicals. Bottles with identical waste can be submitted using one lab waste tag.							✓
Non-Hazardous Powders (e.g. phosphates, citrates, agar, etc.)							✓
Non-hazardous liquids: Only chemicals on the list of liquids approved for Sink Disposal can go down drain OR Submit a Sink Disposal Request Form .	http://www.uvm.edu/safety/lab/dispose-of-old-expired-or-waste-chemicals						
Chemically Contaminated PPE and Spill Debris (e.g. kimwipes, gloves, etc) Collect in clear ziplock or clear bag only..							✓
Broken bottles contaminated with chemicals: put in CLEAR bag inside a sealed cardboard box.							✓
Controlled Drugs	Consult with Safety staff or UVM Veterinarian						
Oil and Oily debris: Oil is a regulated waste in Vermont. Containerize oil by type and collect oily debris (e.g. rags, paper towels, etc) in ziplock bag with oil.							✓
Sharps contaminated with chemicals (e.g. blades, needles, stirring devices, pipette tips.							✓
BIOLOGICAL WASTE www.uvm.edu/safety/lab/biowaste-management							
Liquid biological waste (no chemicals): Disinfect by adding a 10% bleach solution, let sit for 20 minutes and pour down lab sink drain.	X						
Empty Containers: Place capped containers in Biohazard Box OR disinfect by rinsing with 10% bleach solution for 20 minutes and then place in regular trash.						✓	
Sharps: blades, scalpels, needles, glass slides, glass slide covers, inoculating needle, stirring devices, capillary tubes				✓ (Step 1)	→	✓ (Step 2)	
Serological pipettes/Pasteur pipettes: Place in primary puncture-proof package (e.g. the box they came in). Then, place in biohazard box.				✓ (Step 1)	→	✓ (Step 2)	
Pipette tips: Collect in a container on benchtop. Then consolidate into Biowaste Box.						✓	
Autoclaved waste: Contact UVM Biosafety Officer at safety@uvm.edu	Contact safety@uvm.edu						
Invasive or transgenic plants, insects or derived materials (soils).	Contact Office of Animal Care Management: www.uvm.edu/~oacm/						
Mixed waste: waste contaminated with biological material AND chemicals							✓
Animal carcasses/Animal bedding: contaminated w/ biohazardous material, including biotoxins and chemical agents, rDNA, etc	Contact Office of Animal Care Management: www.uvm.edu/~oacm/						
Proteases: DNase, RNase, etc						✓	
Biotoxins: Contact safety@uvm.edu See also: http://emergency.cdc.gov/agent/biotoxins/							✓
COMPRESSED GAS CYLINDERS www.uvm.edu/safety/lab/compressed-gases							
Order from current UVM compressed gas vendor. Vendor is contracted to move/relocate gases in and around UVM.	Contact UVM's contracted Gas Cylinder vendor http://www.uvm.edu/~procure/contracts.htm Purchase only from vendors who will allow you to return the empty cylinder to them or Fill out a Lab Waste Tag for proper disposal.						
Specialty Gases: If contracted gas vendor does not supply the specialty gas that you need, purchase from gas vendor who will agree to accept your empty gas cylinder for disposal.							
Lecture Bottles: gases 12-18 inches long and 2-3 inches in diameter							
RADIOACTIVE WASTE www.uvm.edu/~radsafe/							
Radioactive Waste or Mixed Waste: "Mixed waste" includes items that are both chemically AND radiologically contaminated	Contact Radiation Safety 656-2570 or radsafe@uvm.edu						
UNIVERSAL WASTE / RECYCLABLES www.uvm.edu/~recycle/?Page=recycling/guide/guide.html							
Lightbulbs: includes ultraviolet lights, compacts, LED bulbs, metal halide	Contact Safety staff 656-5408 or safety@uvm.edu						
Lead Acid Batteries: Tag as lab waste.							✓
Assorted Batteries: Lithium, Nicad, Alkaline and Button batteries Collect in brown battery bucket or box. Tag bucket when full as lab waste.							✓
Computers, monitors, keyboards, mouse	Submit FAMIS Work Order to Physical Plant / Recycling & Surplus						
Old or Unneeded Lab Equipment: Must be decontaminated by lab. Must also complete a "Surplus Disposal Form".	Submit FAMIS Work Order to Physical Plant / Recycling & Surplus						

Email safety@uvm.edu with questions