UPENN Disposal Guidance for Empty Chemical Containers

IS YOUR EMPTY CHEMICAL CONTAINER...

P-Listed?  
EPA Defined Acutely Toxic Chemical  
Yes  
Request EHRS Chemical Waste Pickup  
No  
continue

Reactive?  
Air or water-reactive  
Yes  
Request EHRS Chemical Waste Pickup  
No  
continue

Odorous?  
Specific to mercaptans or thiols  
Yes  
Request EHRS Chemical Waste Pickup  
No  
continue

Hazardous and Impervious?  
Yes  
Request EHRS Chemical Waste Pickup  
No  
PROCEED TO LAB PROCESSING

Steps for lab processing:

1. Triple rinse  
   A. Dispose of aqueous rinsate in lab sink  
   B. Dispose of solvent rinsate from “Hazardous and Impervious” as chemical waste  
2. Deface the label of content / hazard information  
3. Allow to air dry  
4. Dispose in accordance with building protocol  
   A. Recycling  
   B. Trash  
   C. Broken glass / plasticware box

Note:  
20L metal drums are non-recyclable and may not be repurposed for chemical waste collection  
Procure Broken Glass/Plasticware boxes from a UPENN vendor  
For more details on this and similar guidance, scan the QR in the top corner or visit www.ehrs.upenn.edu

Hazardous chemicals that are entirely immiscible (insoluble) with water and cannot be removed from the container by use of an organic solvent (Ex. ethanol, isopropanol) that's then collected as chemical waste.