



Special Hazardous Waste Chemical Disposal Protocols

*For general hazardous waste chemical disposal protocols:
Please review the Solid, Liquid and Photochemical hazardous waste guidelines*

Reactive/Special Handling Waste Disposal Protocols:

Any waste that is **highly reactive (piranha solution, perchloric acid, Aqua Regia) or requires special handling (hydrofluoric acid)** should be disposed of in a chemically compatible, Lab User supplied container.

Pressure releasing caps (circumvent caps) are available free from Science Stores for waste that have the potential to build pressure (e.g. Aqua Regia, Piranha solution). Reactive/Special Handling waste should *not* be decanted. Ensure the waste is stored in a chemically compatible container and affix a green hazardous waste sticker for pick-up.

Peroxide Forming Compounds Disposal Protocols:

Peroxide forming compounds (PFCs) are reagents or solvents that over time under the presence of atmospheric oxygen are oxidized and produce organic peroxides. PFCs must be tested for peroxides regularly; testing frequency for common PFCs are found in the [UVic PFC safe work procedure](#). If PFCs are submitted for hazardous waste in their original bottle or a user supplied bottle, they must be tested for peroxides at the time of submission. A [PFC hazardous waste tag](#) must be filled out and attached to the bottle. If any PFC found that appears to contain crystals or is questionable do not open and contact OHSE for alternate disposal.

Resources:

OHSE Hazardous Waste Disposal: <http://www.uvic.ca/ohse/environment/waste/index.php>

Circumvent Caps: <http://www.uvic.ca/ohse/assets/docs/caps.pdf>

Non-hazardous Wastewater Disposal:

<https://www.uvic.ca/ohse/environment/waste/wastewater/index.php>

Laboratory Glassware Recycling: <https://www.uvic.ca/ohse/assets/docs/haz-waste/lab-glassware-protocol.pdf>