

## UNSW School of Physics Chemically Contaminated Waste Disposal

Waste Item	How should it be packaged for collection?	Where does it go for processing/ disposal/reuse/ treatment etc.?	Any additional comments?
Chemically contaminated Gloves	Bagged & contained in a suitable overdrum (eg. Plastic bucket or fibre keg)	Incineration	If these can be contained in manageable sized strong bags eg. Clinical waste bags they are easier to manage
Chemically contaminated Paper Waste(eg. paper towels, tissue etc.)	Bagged & contained in a suitable overdrum (eg. Plastic bucket or fibre keg)	Incineration	If these can be contained in manageable sized strong bags eg. Clinical waste bags they are easier to manage
Glass Winchester bottles	Any way to contain the bottles is fine (eg. Boxes or fibre kegs) or we can collect loose bottles and pack them in this manner during collection.	SOLID Landfill post decontamination	Most of this type of glass cannot be recycled.
Other glassware (broken) which has been contaminated with chemicals such as stirring rods, beakers, burettes, pipettes etc.	A plastic bucket or lined (plastic bag) fibre keg is the best option. Whatever packaging is used the weight of the end unit would be the most important.	SOLID Landfill post decontamination	Most pyrex glass is non-recyclable.
Plastic containers which held chemicals such as Hydrogen peroxide, Hydrofluoric acid	If the original seals (lids) are available these should be placed back on the containers. The containers can then be collected as is or placed in a suitable over packing container (this will be size dependent eg. 15L DGA as opposed to 500ml bottles)	SOLID landfill post decontamination	It is always good to know what has been in a drum. Eg for hydrofluoric acid the residues can still be very toxic and appropriate PPE needs to be used when decontaminating.

A chemical waste disposal form needs to be completed.

All waste must be labelled with contents and owner and will be collected from the cupboard outside the Physics store.