

Chemically Compatible Waste Containers

The UQ Science Store facilitates the collection of all chemical waste from a number of locations operated by the University of Queensland. To achieve this task safely, when chemical waste container requests are made to the UQ Science Store, only waste containers which are chemically compatible with the chemicals to be stored within them will be provided. This is to protect the safety of all persons who come into contact with the waste, from the time it is picked up, until final destruction.

If University of Queensland staff or students are to provide their own waste containers for chemical waste removal from UQ, it is their responsibility to provide containers which are chemically compatible. Waste containers found to be incompatible with the waste type stored within it will not be picked up by Chemical Store staff and contact will be made with the individual waste generator.

The table below identifies a list of common chemicals which require chemically compatible containment. This list is not exhaustive and those filling waste containers must consult the appropriate SDS for the chemicals being disposed to check for compatibilities.

Waste Chemical Container Incompatibilities

Incompatible with plastic:

Xylene

Toluene

Hexane (OK if in HDPE)



Dichloromethane

Chloroform

Diethyl Ether

Carbon Tetrachloride

Chromic Acid

Perchloric Acid

Nitric Acid

Aqua Regia

Incompatible with glass: Hydrofluoric Acid

Incompatible with metal: Dangerous Goods Class 8 (corrosive)
 Dangerous Goods Class 5.1 (oxidisers)
 Dangerous Goods Class 5.2 (organic peroxides)
 Azides

Chemical Waste Container Labelling:

All chemical waste containers are to be labelled with Chemwatch waste generated labels and any dangerous goods pictograms required for the waste type.

For more information, contact the UQ Science Store at: Chemwaste@uq.edu.au