

**Halogenated Waste (any organic chemical that contains F, Cl, Br, or I)**

Chloroform	(Cl)
Benzalkonium Chloride	(Cl)
Bromophenol blue	(Br)
Crystal violet	(Cl)
Eosin	(Br)
Methylene Chloride	(Cl)
Methylene blue	(Cl)
Safranin	(Cl)

**Non-Halogenated Waste (organic solvents that do not contain F, Cl, Br, or I)**

Acetone  
Acetonitrile  
Bis / Tris solutions  
Cyclohexane  
DAPI  
DMSO  
EDTA  
Ethyl Alcohol  $\geq 24\%$   
Ethyl Ether  
Fluorescein  
Hematoxylin  
HEPES  
Hexanes  
Hybridization buffer (sodium dodecyl sulfate / sodium phosphate dibasic buffer)  
Isopropyl Acetate  
Isopropyl Alcohol  $\geq 24\%$   
Methanol  $\geq 24\%$   
Oil Red O  
Petroleum Ether (mineral spirits)  
Phenol  
2-Propanol  $\geq 24\%$   
TEMED  
tert-Butanol  
Tetrahydrofuran  
Toluene  
TAE  
Tris base  
Tris borate (TBE)  
Xylene cyanol

**Aqueous Waste – Predominantly Water-Based**

Buffers (water-based)  
Sulfuric Acid  
Hydrochloric Acid  
Acetic Acid  
Nitric Acid  
Phosphate buffered saline (PBS)  
Sodium Hydroxide  
Any alcohol  $< 24\%$  (Ethanol, Isopropanol, Methanol, 2-Propanol, etc)  
*\*\*\*(Sewer disposal is allowed for alcohols containing  $< 24\%$ , if alcohol is the only hazardous constituent)*

**Solid Waste**

Silica Gel  
Magnesium Sulfate  
Sodium Bicarbonate  
Sodium Sulfate  
Calcium Chloride

**Separate Waste Streams for each of these**

Ethidium Bromide gels and contaminated filters (solutions may go through filtration)  
Osmium-containing products (Osmium Tetroxide, Osmium Dioxide)  
Mercury-contaminated debris  
Formaldehyde, Formalin, or Paraformaldehyde aqueous solutions  
Chromium-containing solutions  
Lead-containing solutions