DOWN THE DRAIN?  9/11

NO

Aldehydes  eg: formaldehyde, PFA, formalin, gluteraldehyde  
Flammable liquids and solvents, alcohols  eg: ethanol, methanol, TEMED  flashpoint less than 140°F.  For alcohols this is about < 20%.  (Not allowed to dilute to < 20% and then drain dispose.)  
Acids or bases pH < 5.5 or > 9.5 (Can neutralize to within this pH range and then drain dispose)  
Tissue culture fluids (unbleached)  
Animal tissues  
Odorous solutions  eg: 2-mercaptoethanol  
Toxics, mutagens, teratogens, carcinogens, heavy metals  eg: ethidium bromide, acridine orange, propidium iodide, phenol, chromium, copper, cyanide, iron, lead, manganese, mercury, nickel, silver, zinc, osmium tetroxide, sodium azide, chloroform, arsenic, barbiturates, ether  
Oxidizers  eg: hydrogen peroxide, ammonium persulfate (>24%)  
Stains with hazardous components

Uncontaminated used oil  eg: vacuum pump oil  must be recycled and must be labeled with the identifying words “Used Oil”.  Cornell’s Grounds Department manages the Used Oil Recycling Program.

YES

Enzymes, sugars, amino acids, citric and lactic acids, PBS, TBS, TAE, Laemmli buffer, transfer buffer, unused culture media, genomic DNA (not recombinant), stains without hazardous components, deactivated ethidium bromide

If you don’t know, ask your supervisor, Gail Sullivan, gms9, OR Ask EH&S Helpline at http://www.ehs.cornell.edu/askEHS

EH&S Hazardous Waste Manual is available at:  
http://sp.ehs.cornell.edu/lab-research-safety/chemical-safety/hazardous-waste-manual/Pages/default.aspx

Steps for chemical waste disposal can be found at:  