



**Please do not dispose of the following liquids in carboys:**

acetaldehyde	$\alpha$ -halocarboxyls	paint
acetic anhydride	halogenated organic acids	perfluoroaliphatic acids
acid chlorides	hydrazines	organic peroxides
alkynes	isocyanates	phosphines
amines with f.w. < 101 g/mole	isocyanides	phosphate esters
aqueous solutions of toxic metals	metal halides and oxyhalides	phosphite esters
bromine	mercaptans	polychlorinated biphenyls (PCBs)
carbon disulfide	mercury/ mercury compounds	polymerizable monomers
chloroformate esters	metal halides and oxyhalides	polymer solutions
chloromethylsilanes	mineral acids	pyrocarbonate esters
chloropicrin	nitrate esters	sulfate esters
collodion	nitrite esters	sulfite esters
cyanohydrins	nitrosamines	sulfonic acids
dienes	nitrosourethanes	sulfonate esters
formic acid	non-metal halides and oxyhalides	t-butyl hypochlorite
furan	organic solids in concentrated solution	thallium ethoxide
haloalkynes	organo metallic liquids or solutions	thiocarbonyls

**General Guidelines for Things to Keep out of Carboys**

**Very acidic, Very basic**

**Very volatile**

**Reactive:** with water, with air, strong oxidizers, strong reducers, redox, polymerizable, produces gas

**Toxic / Noxious:** Low LD/50 or TD/50, sensitizers, smelly (i.e.mercaptans)

Surplus stocks of the above chemicals are best left in their original container and disposed of following procedure **On-Site Service 1** in Chapter 7 of the *Chemical Safety and Disposal Guide*.

Addition of larger volumes of the above chemicals may present a disposal problem or a hazard with respect to compatibility of waste solvents in the carboy. However, should small volumes (< 25 ml) be introduced to a carboy, simply list the compound and volume on this form. Some of these materials may be present as unreacted materials from a process or reaction in solvents suitable for disposal using a carboy. Should this occur, estimate the concentration as best possible, and list it on the front of this form as well. See Chapter 7 of the *Chemical Safety and Disposal Guide* for disposal procedures for these chemicals.

If you have any questions regarding the disposal of waste solvents in the carboy, call the Safety Department at 265-5518.

**How is this waste generated?** (optional information to better understand your solvent use; check all that apply)

- Chromatography
- Extractions
- Glassware Cleaning/Preparation
- Reactions
- Other (please specify) \_\_\_\_\_

Call the Safety Department if you are interested in distillation of waste solvents. See Chapter 6 of the *UW Chemical Safety and Disposal Guide* for other information on pollution prevention and waste minimization.

**A reminder about storage of waste solvent carboys and flammable liquids in laboratories:**

- For laboratory storage of flammable liquids outside of safety cans and flammable liquid storage cabinets, limit the amount to less than 10 gallons (38 liters) of flammable liquids per one hundred square feet.
- Safety cans and flammable liquid storage cabinets must be used for storing flammable liquids greater than the above amounts.