



ENVIRONMENTAL HEALTH & SAFETY

Sink Disposal Guidelines

Hazardous materials cannot be discarded down the drain. Collect these materials in properly labeled and chemically compatible containers. For removal, complete the Chemical Waste Disposal form. Please call Environmental Health and Safety at 303-724-0345 if you have any questions. The list of examples below is NOT all-inclusive.

These materials **CANNOT** be sink-disposed

1. FLAMMABLE SOLVENTS

Acetone, acetonitrile, alkanes, alcohols, amines, aromatics, ether, ketones, pyridine, toluene, xylene (aqueous alcohol solutions must be collected for disposal through EHS).

2. CORROSIVE MATERIALS

Acids, bases, ammonium hydroxide, hydrochloric acid, sodium hydroxide, sulfuric acid, etc.

3. HALOGENATED SOLVENTS

Carbon tetrachloride, chloroform, Freon, halothane, methylene chloride, trichloroethane.

4. TOXIC CHEMICALS/SOLVENTS/HEAVY METALS

Acrylamide, cyanides, dyes, formamide, mercaptans, mercaptoethanol, phenol, carcinogens, mutagens, teratogens, arsenic, barium, cadmium, chromium, copper, lead, mercury, etc.

5. DRUGS/PHARMACEUTICALS

All drugs, pharmaceuticals and DEA controlled substances must be disposed of through EHS.

6. NON WATER-SOLUBLE MATERIALS

Gels, kerosene, mineral oil, solid wastes, vacuum pump oil.

7. INFECTIOUS OR BIOHAZARDOUS MATERIALS

Whole blood (human or animal), prohibited tissue culture materials, infectious agents, pathogens or recombinant DNA material; unless otherwise rendered non-infectious by an approved method. Consult the Biosafety Office. Unsupported judgments are not acceptable.

8. RADIOACTIVE MATERIALS

Only H-3 in concentrations less than 10 microcuries per liter (subject to other restrictions) **may be sink-disposed**. Consult the Radioactive Waste Disposal Manual. All potentially contaminated wastes must be assayed, and assays must be documented before disposal. Unsupported judgments are not acceptable.

9. DEIONIZED WATER

Undiluted deionized water is corrosive to building plumbing. Run copious amounts of tap water down the drain whenever DI water is discharged to the sanitary sewer.

10. EQUIPMENT DISCHARGE

Collect discharge from equipment until/unless EHS has verified the discharge to sanitary sewer is acceptable. Ensure that photographic processing units are equipped with silver recovery units that are serviced routinely and that records are maintained for these units (contact EHS to register your unit).

11. SOLID MATERIAL

Any solid or viscous material which could cause an obstruction to flow in the sewers or any particle greater than one-half (1/2) inch in any dimension.