



ENVIRONMENTAL HEALTH AND SAFETY | HAZARDOUS MATERIALS

Cleaning Procedures for Laboratory Equipment

Contaminant Cleaning:

- To remove **chemical contaminants**, use a mild detergent solution such as Simple Green, Formula 409 or household bleach.
- To remove **biological contaminants**, use an Environmental Protection Agency (EPA)-registered disinfectant at the manufacturer's recommended strength.
- In the case of **radiological contamination**, contact Environmental Health and Safety (EHS) Radiation Safety for assistance, 303-724-0109.

Specific Laboratory Equipment:

Follow these additional guidelines for managing specific laboratory equipment before maintenance service or disposal. All items and samples must be disposed of via the appropriate waste stream:

- Biosafety Hoods – Must be professionally decontaminated before inter-building moves or disposal; contact Biosafety.Program@cuanschutz.edu for assistance.
- Refrigerator / Freezer – Remove all items.
- Incubator – Remove all samples and thermometers; drain water.
- Centrifuge – Remove all tubes and samples.
- Water bath – Remove all samples and thermometers; drain water.
- High Performance Liquid Chromatography (HPLC) – Drain solvents from columns and waste lines.
- Tissue dehydrating unit – Remove all items; drain solvents from storage tank.
- Colorimeter – Remove cuvettes.
- Spectrophotometer – Remove sample containers or standards.

Green Tagging:

Once the equipment is properly cleaned based on the contaminants that were present, laboratory personnel must complete the green tagging process.