

FRCC Hazardous Waste Disposal Procedures

As stated in the Front Range Community College (FRCC) Chemical Hygiene Plan, the Chemical Hygiene Committee would like to remind all departments generating hazardous chemical waste, that the waste must be properly labeled with the full name of the chemical and the associated hazards, and it must be disposed of in an appropriate and timely manner.

The following is a summary of extremely important procedures for handling waste that may be generated in your department:

- Check current inventories before making new chemical purchases.
- Audit chemical supplies regularly and use inventory control.
- Substitute less hazardous materials when possible.
- Minimize waste when possible.
- Reduce the scale of experiments when possible.
- Purchase only the quantity of chemicals required for specific projects.
- Avoid mixing hazardous waste with non-hazardous waste.
- Train personnel to avoid excess waste generation.

Guidelines:

1. Place waste in a container compatible with the chemical itself. Use secondary containment when storing waste (helps to contain spills).
2. Do not store incompatible wastes together (e.g., acids and bases).
3. Ensure that the container is tightly sealed with a cap or lid at all times unless actively adding waste to the container. Do not use evaporation as a treatment method.
4. Label each waste container with the words "**HAZARDOUS WASTE**," the full name of the chemical (do not use abbreviations or chemical symbols), and the associated hazards (e.g., flammable, corrosive, toxic, reactive).
5. Maintain hazardous waste in your area until contact has been made with your campus Facilities Department to ensure proper disposal is administered. Do not store hazardous waste in containers larger than 5 gallons and do not store more than 20 gallons of waste in your area at one time. For amounts greater than 20 gallons, contact the Chemical Hygiene Committee (CHC@frontrange.edu) for guidance.
6. Do not dispose of hazardous chemical waste by pouring it down the drain or placing it in the trash.
7. Do not allow waste to accumulate. Hazardous waste should be disposed of by the end of each semester.
8. Biomedical waste must be appropriately packaged in red bags/boxes and disposed according to Front Range Community College's procedures established for your campus. Infectious or biological waste must be disposed via a Licensed Medical Waste Contractor. If waste appears to be hazardous even though it may have been rendered safe (autoclaved and/or sterilized), it must be disposed via a licensed medical waste disposal contractor (especially sharps, needles, syringes). You may not put recognizable medical or biological waste in the regular trash.
9. Facilities Department is responsible for the cost of disposal associated with chemical waste from laboratories and other areas that is generated through normal classroom activities.

For additional policies and procedures concerning hazardous waste, please see the Front Range Community College Chemical Hygiene Plan <http://www.frontrange.edu/docs/default-source/Being-a-Student/chemical-hygiene/frcc-chemical-hygiene-plan.pdf?sfvrsn=6>). The Larimer Campus currently has a campus-specific policy in place. Contact the Chemical Hygiene Committee via email at CHC@frontrandge.edu for a copy.

If there are any questions regarding handling, storing, or disposing of hazardous and/or biological waste, contact the Chemical Hygiene Committee via email at CHC@frontrandge.edu.