Transportation of hazardous materials on campus (e.g., movement between labs or between a lab and Science Stores) requires some planning and a basic risk assessment.

A release or spill of hazardous material during movement on campus can impact the person doing the transporting, as well as students, staff or faculty in the area. It can also present challenges for efficient and effective cleanup.

**Always use a chemical carrier or a cart with secondary containment**

**Recommendations**

- Preferably use a sealed primary container for your hazardous material.
- Always use a chemical carrier with a handle, even for a single small container of hazardous material. Add supports/cushioning if necessary.
  - If utilizing a cart, use secondary containment (with supports if necessary).
- Ensure supports (e.g., test tube racks, cork rings) are properly sized for the items they are holding.
- Use required personal protective equipment for the material being transported (e.g., lab coat, safety glasses and gloves) but keep one hand glove free to open doors and press elevator buttons, etc.
- Assess how to respond to a potential spill along your route, and consider having a basic spill kit with you.
- Never pick up broken glass with your hands. For uncontaminated glassware, a broom and dustpan may be used. If glassware is contaminated, use tongs and/or 2 pieces of cardstock to gather the glass pieces and place in a bag for hazardous waste disposal.
- Never leave a spill unattended, except if you require first aid.

**Things to consider**

- Is it possible to eliminate or reduce the # of trips you need to take between work areas?
- Besides your hazardous material, what else do you need to carry? Can it all fit in a carrier or do you need a cart?
- Try to avoid areas and times where many people are gathered.
- When using a cart, be aware of uneven/damaged flooring and navigate with care.
- Take advantage of chemical delivery service for chemicals purchased from Science Stores.