



## Ethanol Handling and Transportation

**Overview:** These guidelines are intended to provide best practices and process instructions for the handling and transportation of ethanol.

### Ethanol Handling Guidelines

- All laboratory personnel must complete the [Chemical Hygiene course](#) from Environmental Health and Safety (EHS) via the Ability Learning Management System.
- Do not store ethanol or empty ethanol cans near a heat source or open flame.
- Ensure ethanol is secured in the laboratory to prevent unauthorized access.

### Ethanol Transportation Guidelines

- Ethanol cans should be placed in the trunk of the vehicle or as far from the driver and passengers as possible.
- Cans must be transported upright and should be secured to prevent tipping and movement.
- Transport ethanol directly to the final destination.
- Do not store ethanol or empty ethanol cans in a vehicle.
- Do not smoke while transporting ethanol.
- A university-owned vehicle should be used whenever possible for transport.
  - If using a personal vehicle to transport ethanol, the employee and their personal insurance is responsible for vehicle damage and liability coverage.

### In the event of a spill:

- **Outside of a building:**
  - Isolate the area.
  - Contact EHS at (517) 355-0153 and stay at the spill site until EHS arrives.
- **In a vehicle:**
  - Leave the vehicle with closed windows and locked doors.
  - Contact EHS at (517) 355-0153 and stay at the spill site until EHS arrives.