



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:**
 - Open all windows or trunk
 - Shut off vehicle
 - Exit vehicle
 - Contact EHS at (517) 355-0153 and stay at the spill site until EHS arrives