

Secondary Containment for Liquids

Storing and handling hazardous liquids in clinical, research and non-research settings carries significant risks. Follow these guidelines to prevent leaks, spills, and regulatory violations.

DO NOT...

- ✗ Store incompatible liquids (e.g., acids with bases, oxidizers with flammables) in the same secondary container.
- ✗ Place containers on open shelves without a spill tray or containment basin.
- ✗ Allow containment trays, cabinets, or pallets to crack, corrode, or degrade without replacing them.
- ✗ Drain or wash containment liquids into sinks or floor drains unless specifically authorized.
- ✗ Exceed OSHA or EPA storage limits for flammable and Hazardous
- ✗ Ignore SDS guidance for storage or secondary containment requirements



DO...

- ✓ Use secondary containment sized to hold the largest container
- ✓ Separate chemicals into groups with dedicated containment (flammables, corrosives, oxidizers, etc.).
- ✓ Inspect containment equipment regularly.
- ✓ Provide spill kits and personal protective equipment (PPE) near storage Areas.
- ✓ Use available machine guarding.
- ✓ Keep aisles, exits, and access to emergency equipment clear.

