Chemical Storage & Segregation Picture This

This image shows an unsafe chemical storage area where multiple hazards are present. Containers of different shapes, sizes, and labels are stacked haphazardly, many without proper secondary containment or clear identification. Storing incompatible substances close together increases the risk of dangerous chemical reactions, leaks, or spills—especially in a cluttered, unventilated environment like this.

To ensure safety, chemicals must be stored based on compatibility groups (e.g., acids away from bases, oxidizers away from flammables). All containers should be

clearly labeled, sealed tightly, and placed in appropriate cabinets or spill trays. Regular inspections, spill response kits, and proper ventilation are essential in such areas. Poor chemical storage can lead to fires, toxic exposures, or environmental contamination—making segregation and organization critical.