

Improper Cold Room Storage

Cold rooms are **NOT VENTILATED**. The following should **NEVER** be stored in a cold room:

Flammable and Volatile Toxic Chemicals

Risk: Explosion, exposure, and asphyxiation

Examples of flammables: ethanol, acetone

Examples of volatile toxics: chloroform, formaldehyde



Figure 1: Flammable, and volatile toxic chemical storage in

Cryogenics and Compressed Gases

Risk: Asphyxiation and exposure

Examples of cryogenics: Dry ice, liquid nitrogen

Examples of gases: argon, nitrogen, carbon dioxide, nitrous oxide, ammonia



Figure 2: Liquid nitrogen dewar storage in a cold room

Porous Material

Risk: Supports fungal mold growth

Examples: cardboard, paper, wood, cloth, Styrofoam

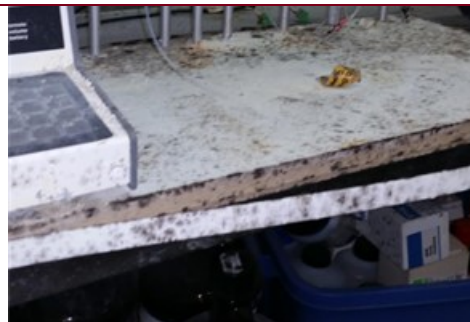


Figure 3: Mold on the surface of a workspace in a cold room