



Chemical safety fact sheet: New substances

Research laboratories frequently generate new substances that have unknown properties and unknown health hazards. All new compounds should be considered hazardous. When planning work with compounds that have unknown properties or unknown health hazards, adopt control measures and work practices designed to achieve effective risk mitigation and exposure control.

- You must discuss the proposed project and new substance with your supervisor.
- Consult other principal investigators or lab personnel who may have worked with similar material(s).
- If available, consult multiple published papers. Pay attention to the potential safety implications of subtle changes to experimental procedures [e.g., solvent, concentration, reagent (side