

SAFETY ALERT

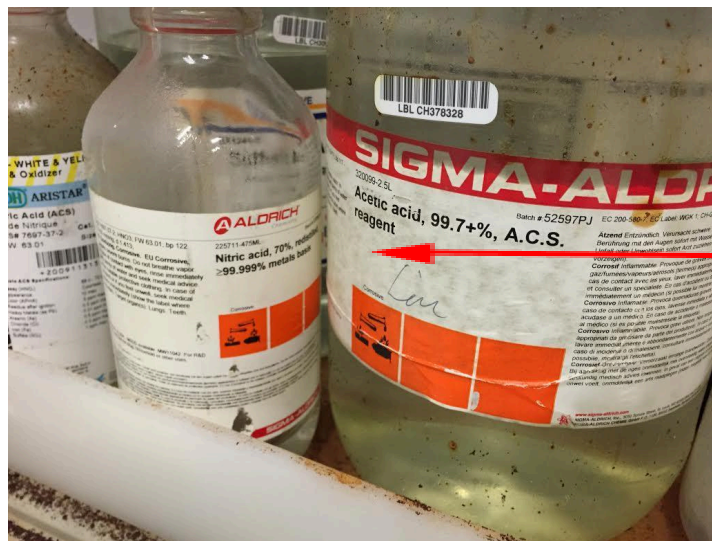
November 15, 2022

Proper Storage of Acetic Acid

Hazards: Reaction with Incompatible Chemicals Resulting in Fire or Gasses

Hazardous chemicals must be properly segregated by hazard classification when handled and stored in order to prevent unwanted reactions. These reactions can result in the generation of toxic gasses, fire, and even explosions.

One particular chemical commonly used in lab areas that is found improperly stored is Acetic Acid. It is a combustible organic carboxylic acid. It should be stored inside a separate tray inside a flammable liquid storage cabinet rather than a corrosive cabinet used for acids. In particular, NEVER store Acetic Acid with oxidizing acids such as Nitric Acid.



NO!

For further information on chemical storage and compatibility charts, go to the LBNL Chemical Hygiene and Safety Plan: [PUB-3000 Chapter 45 Work Process K](#)

If you have any questions regarding chemical issues in your work area, please contact the ETA Safety Manager, Ron Scholtz at X8137.