

Incompatibles

Many chemicals, when mixed with other materials, can produce violent reactions resulting in heat, pressure, fire, explosion, violent reactions, toxic dusts, mists, fumes, gases, or flammable fumes or vapors. Precautions should be taken not to store incompatible chemicals together.

To avoid unwanted reactions, keep chemicals separated by hazard class whenever possible. EHS recommends the following hazard classes for general separation of chemicals, but other approaches can be used. The SDS can provide further guidance on chemical compatibility. Suggested general hazard classes for storage are listed below.

- Acids
- Bases
- Flammables
- Oxidizers
- Reactives

Laboratories with large numbers of hazard classifications may choose to further segregate mineral/organic acids, unstable compounds, heat sensitive compounds, gases, etc.

If you need assistance with your chemical storage/segregation, please contact EHS.