

Chemical Storage Groups

Texas Tech University Compatible Storage Group Classification System should be used in conjunction with specific storage conditions taken from the manufacturer's label and SDS.

If space does not allow Storage Groups to be kept in separate cabinets the following scheme can be used with extra care taken to provide stable, uncrowded and carefully monitored conditions.

Notice the secondary containment between each storage group.

STORAGE GROUPS	
①	Compatible Organic Acids
②	Compatible Organic Bases
③	Non-Reactive Flammable and Combustible, including solvents
④	Not intrinsically Reactive or Flammable or Combustible
⑤	Compatible Oxidizers including Peroxides
⑥	Compatible Inorganic Bases
⑦	Compatible Inorganic Acids not including Oxidizers or Combustibles
⑧*	Incompatible with ALL other storage groups
⑨ ⁺	Compatible Pyrophoric & Water Reactive Materials
⑩*	Poison Compressed Gases
⑪*	Compatible Explosive or other highly Unstable Material

These groups can be stored in the same cabinet w/ secondary containment.		
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FLAMMABLE STORAGE 9+ in dessicator	All Storage Group 8 chemicals must have individual containment.	Storage Group 9 is not compatible with any other storage group. Must be in dessicator.

SOURCE: Adapted from Stanford University's ChemTracker Storage System. Used with permission from R. Kevin Creed, Stanford University.

+ Flammable 9's must be stored in a dessicator inside appropriate flammable storage or in a glove box. These items are identified with a red dot.

* Storage groups 8, 10 & 11: consult EHS and/or consult the manufacturer's SDS for specific storage guidance.

Items identified with a blue dot indicate the chemical has an NFPA health rating of 3-4 and is likely a carcinogen, teratogen, mutagen or other acutely hazardous or toxic chemical. Consult the manufacturer SDS for handling guidance.