



# Chemical Storage System

Understand how to read EHS Barcodes to ensure safe storage of your chemicals!

**Blue dots** mean the chemical has an NFPA health rating of 3 or 4, so it is a carcinogen, mutagen, teratogen, etc.



**Red dots** indicate the chemical is flammable and must be stored in flammable storage.

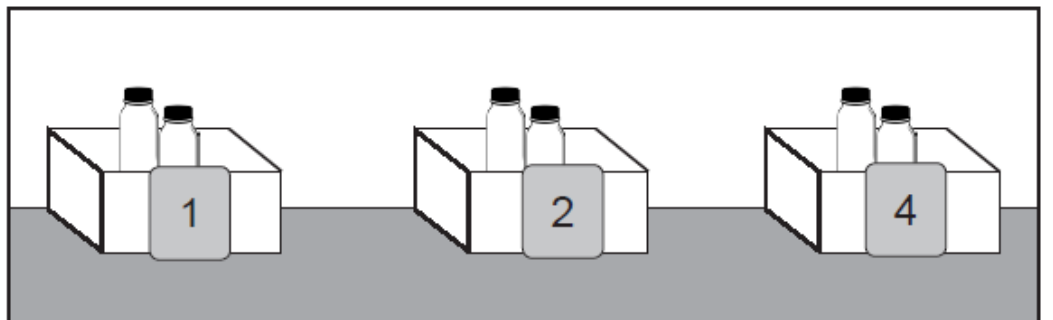


The large number on the barcode indicates the storage group.

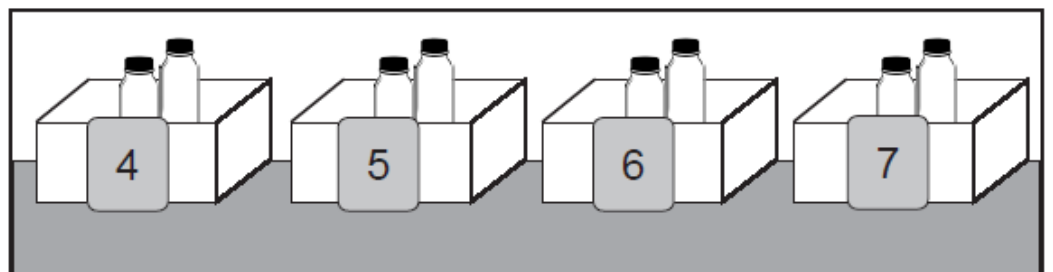
## STORAGE GROUPS

- 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  
**Read the SDS**
- ⑨+ Compatible Pyrophoric & Water Reactive Materials  
**Read the SDS**
- ⑩\* Poison Compressed Gases  
**Read the SDS**
- ⑪\* Compatible Explosive or other highly Unstable Material  
**Read the SDS**

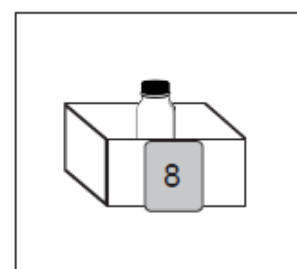
These groups can be stored in the same cabinet w/ secondary containment.



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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 desiccator.

If you receive a chemical without a barcode, request one using a Barcode Request Form.

When you empty a container, affix the barcode to a Barcode Return Form. Submit your form to EHS every 90 days to update your online inventory.

If you move a chemical from one space to another, submit a Chemical Transfer Form to EHS to update your online inventory.



Access your online inventory and SDS using the QR code above or through [www.ehs.ttu.edu](http://www.ehs.ttu.edu).