

Acids, Bases and Salts

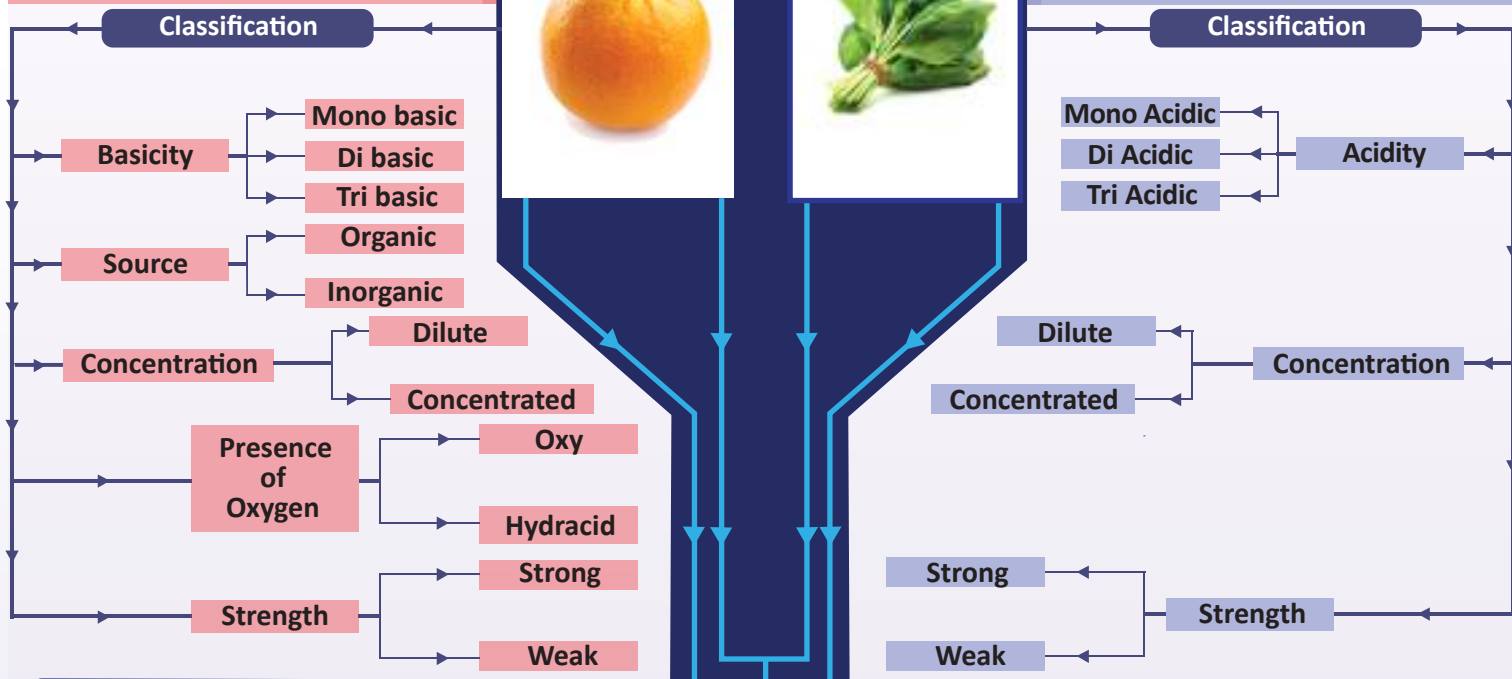
ACIDS

Acids are proton donors/electron acceptors. They turn blue litmus to Red
Sour in taste
pH ranges between 0 - 6



BASES

Bases are proton acceptors /electron donors. They turn red litmus to blue
Bitter in taste
pH ranges between 8 - 14



Chemical Properties of Acids

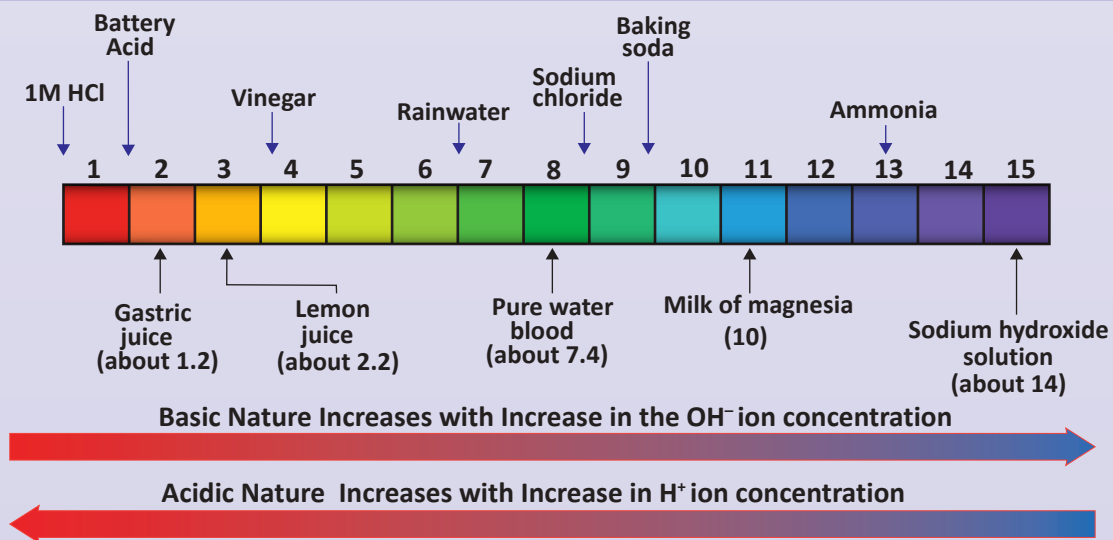
- Acid+Metal carbonate/Metal hydrogen carbonate → Salt + Carbon dioxide + Water
- Acid + Metal → Salt + Hydrogen gas
- Metal oxide+Acid → Salt + Water

Similar Chemical Properties of Acids and Bases

- Mixing of Acids and Bases in water is an exothermic reaction
- Dissociate when added to water

Chemical Properties of Bases

- Metal + Base → Salt + Hydrogen gas (Not all metals show this reaction)
- Non-metal oxide+Base → salt+Water



Salt or Neutral

Acids+Bases → Salt

- Brittle
- Hard
- Crystalline

Types of Salts

