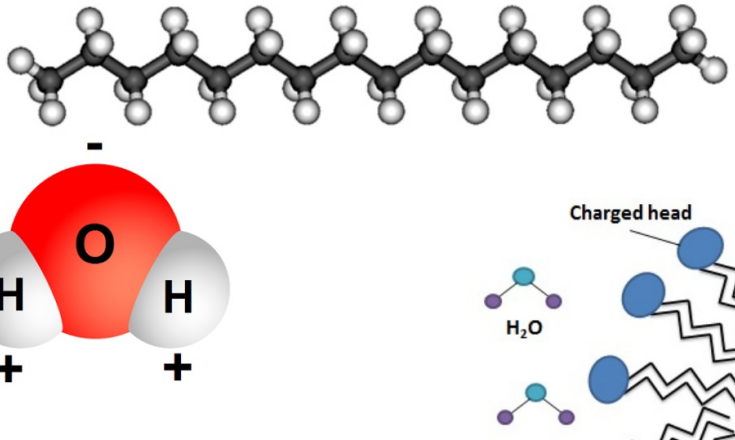
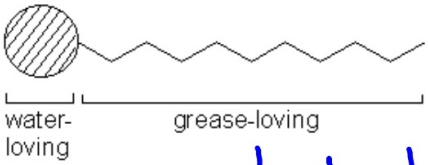
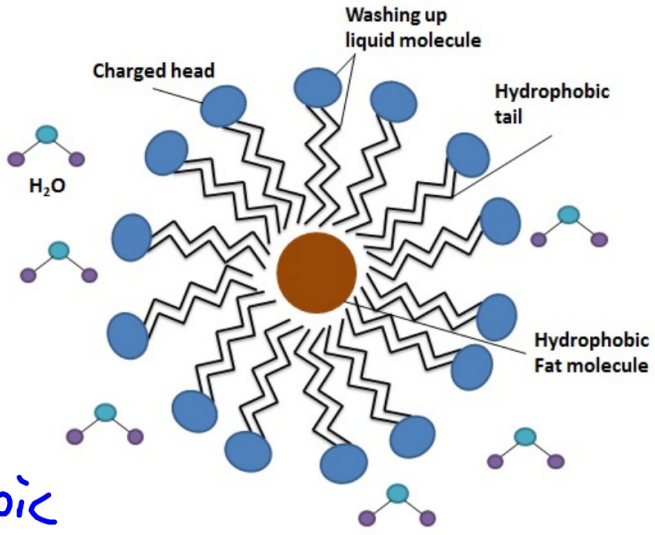


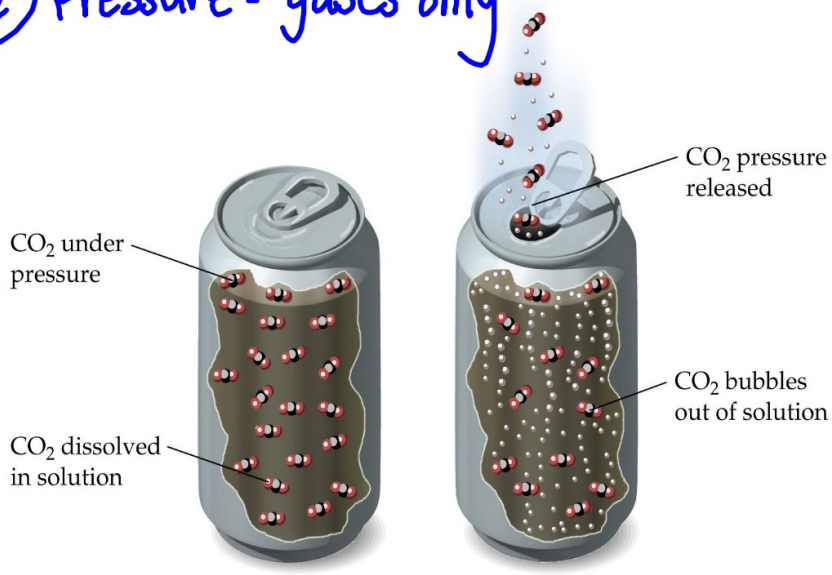


Hydrophillic



hydrophobic

② Pressure - gases only



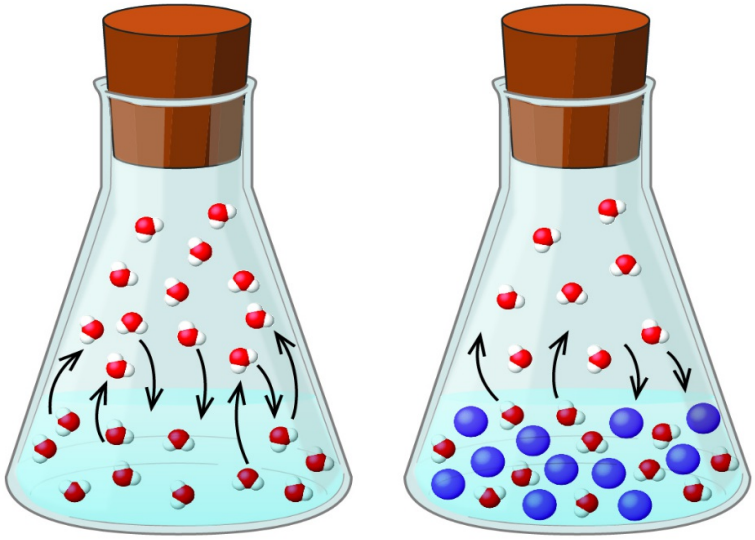
Higher pressure = more soluble gas

③ Temperature Effect

lower T = less soluble solid

higher T = more soluble solid (faster particles = more solute-solvent interaction)

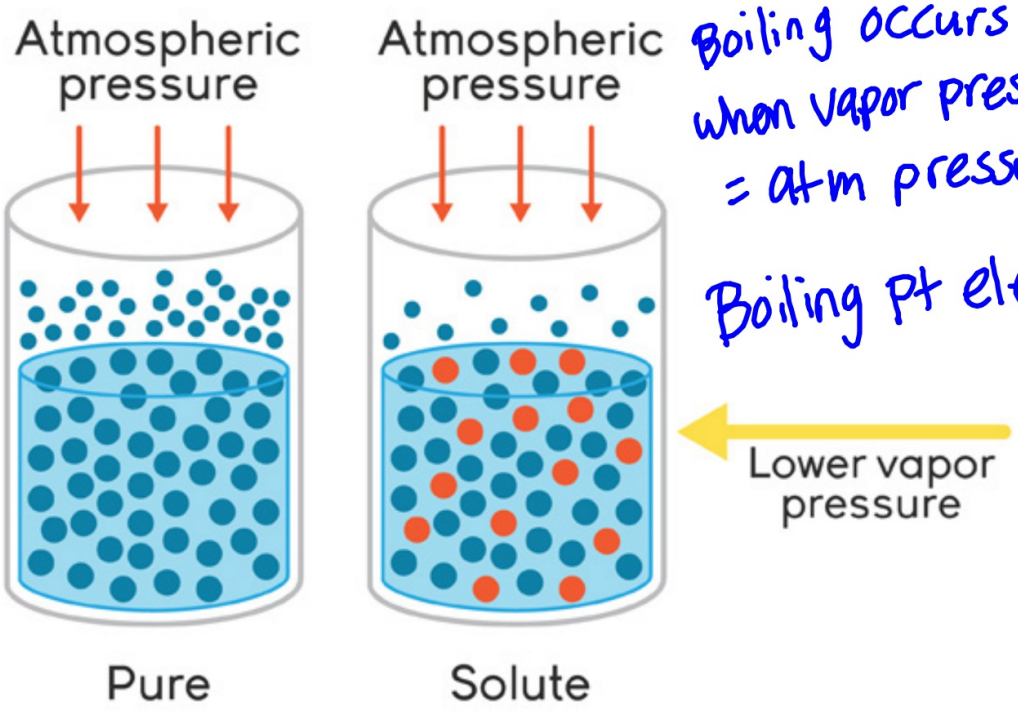
higher T = less soluble gas



(a) Pure water (b) Aqueous solution

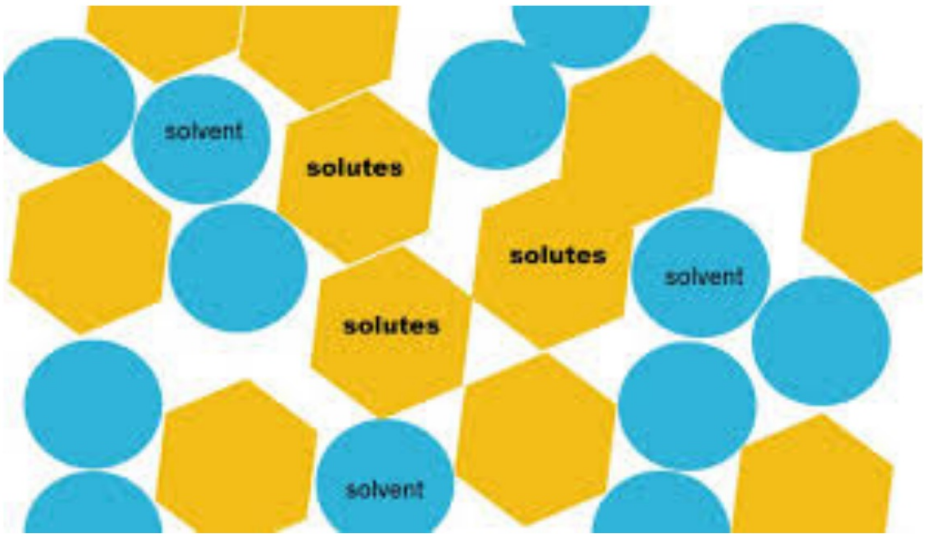
Dynamic Equilibrium

Rate Evaporation = Rate Condensation



Boiling occurs when vapor pressure = atm pressure

Boiling pt elevation



Freezing pt. Depresion