

Chapter 5

mixtures

heterogeneous - unevenly mixed
m+m's, pizza

homogeneous - evenly mixed

solution saline solution, pops

solute - substance being dissolved (salt)

solvent - substance doing the dissolving
(H₂O)

likes dissolve likes

H₂O - Polar

Oil - nonpolar

polar solute dissolves in
a polar solvent

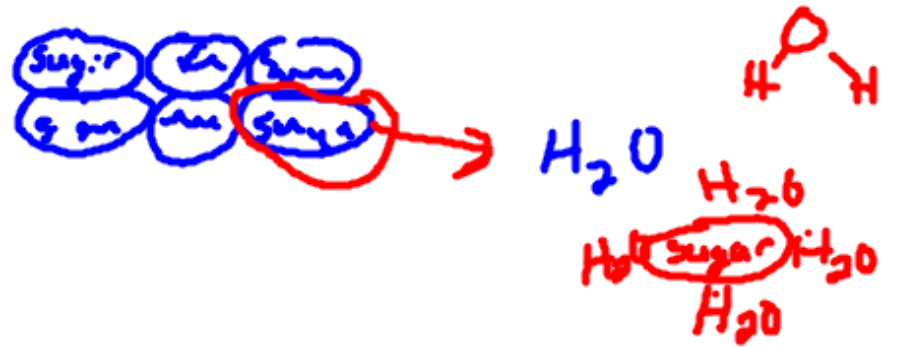
immiscible - 2 liquids do not mix

aqueous solutions - dissolved in H₂O

saturated solution - no more solute can be
dissolved

p. 151 1+2
①

Solute particles
 molecules - (non-electrolyte)
 no ions

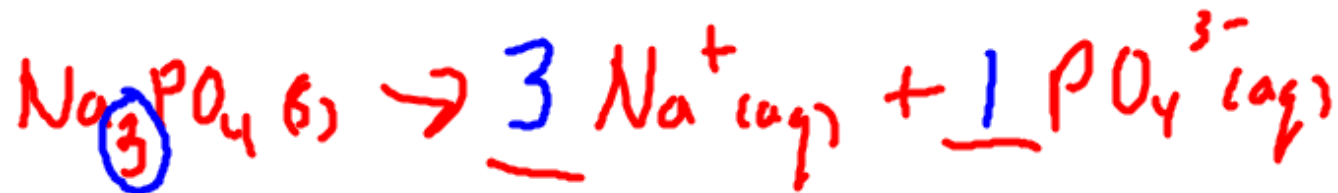


Ions - (electrolytes)



gases - more dissolved in cold solvent
 effervescent

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4
 1

4 ions