

Heterogeneous mixture - do not appear "the same" throughout. "Least mixed". Particles are large enough to be seen.

Homogeneous Mixture - appear the same throughout, "well mixed", particles are very small – cannot be seen

Solution - a type of homogeneous mixture formed when one substance dissolves in another. "Best mixed" of all mixtures (EX: Kool-aid powder mixed with water)

Solute - the substance that is dissolved in a solution (EX: Kool-aid mix)

Solvent - the substance that does the dissolving in a solution (EX: water)

Universal solvent – Water is one because it can dissolve many substances

Solubility - the amount of a solute that can be dissolved in a given amount of solvent

Soluble - term that describes a substance that dissolves in another substance

Insoluble - a substance that does not dissolve (or very little dissolves) in another substance (EX: spoon)

Dilute solution - a solution in which a little amount of solute is dissolved in a large amount of solvent (watered down)

Concentrated solution - a solution in which a lot of solute is dissolved in a small amount of solvent (EX: frozen orange juice)

Saturated solution – a solution that contains all the solute that can normally be dissolved at a given temperature

Supersaturated solution – a solution what contains more solute (dissolved material) than normal

Unsaturated solution – a solution that is capable of dissolving more solute (not saturated)