

**pure  
substances**

something that  
is not mixed or  
combined with  
anything else

**mixtures**

combinations  
of two or more  
substances

**suspensions**

cloudy liquid  
that contains  
insoluble  
particles

**colloids**

type of mixtures that  
always looks cloudy  
because clumps of  
insoluble particles remain  
suspended throughout  
it-they don ' t settle as  
sediment

**emulsions**

stable mixtures  
of two or more  
liquids, e.g.  
milk

**emulsifier**

substance that can  
be added to an  
emulsion to keep  
the liquids  
completely mixed

**solution**

liquid made up  
of a solvent  
with a solute  
dissolved in it

**dissolve**

change from a  
solid to part of a  
solution when  
placed into a  
solvent

**soluble**

dissolves  
very easily  
in water

**solute**

dissolves  
in a liquid  
(solvent)

**solvent**

any liquid that  
dissolves another  
substance or  
substances

**insoluble**

does not  
dissolve

concentration

amount of a  
solute present  
in a solution

dilute

describing a  
solution with a  
small amount of  
solute (low  
concentration)

concentrated

describing a  
solution with a  
large amount of  
solute (high  
concentration)

saturated

describing a solution  
that can dissolve no  
more of a solute at a  
given temperature  
(cannot dissolve  
anymore)