

Solution Formation

three processes speed up formation:

- heat
- agitation
- particle size

these make particles move faster

big chunks take forever to dissolve

Miscibility

Miscible

if 2 liquids mix and dissolve in each other

immiscible

liquids repel and one goes up to top (never mix)

ex oil and water

Saturated vs unsaturated

Solubility

how well substance dissolves in certain amt of solvent at certain temperature to produce saturated solution

- Saturated - no more can be dissolved
- unsaturated - more solute can be dissolved
- super saturated - more solute has been dissolved compared to how much should be possible to dissolve