

# Solution Formation

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three processes speed up formation:

- heat
- agitation
- particle size

these make particles move faster

big chunks take forever to dissolve

## Miscibility

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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 - in the middle
- unsaturated - more solute can be dissolved
- super saturated - no more solute can dissolve