

Mixture

[@wikipedia](#)

A [chemical substance](#) consisting of two or more [pure substances](#) (called [mixture components](#) or [mixture ingredient](#)) with chemical bonding between [components](#) being weaker than that of between molecules of [components](#).

A list of all [chemical substances](#) constituting a [mixture](#) is called [Mixture composition](#).

The chemical properties of [mixtures](#) may differ from those of any constituent [components](#).

Unlike [pure substances](#) the [mixtures](#) in a state of [Thermodynamic equilibrium](#) may see various [phases](#) occupy a continuous area in [PT Diagram](#) (see for example [Vapour Liquid Equilibrium](#)).

[Mixtures](#) with two [components](#) are called [Binary Mixtures](#) and apart from a wide practical value they have a zoomed value in academic studies which help understand and model behaviour of all [mixtures](#).

A [mixture](#) in a [fluid state](#) (liquid, gas or [supercritical fluid](#)) is called a [fluid mixture](#).

In [petroleum industry](#) the most popular [mixtures](#) are [hydrocarbons](#) and [water](#) (H₂O).

See Also

[Natural Science](#) / [Chemistry](#) / [Chemical Substance](#)

[[Pure substance](#)] [[Fluid Mixture](#)]

[[Mixture composition](#)]

[[Thermodynamic equilibrium](#)] [[Vapour Liquid Equilibrium \(VLE\)](#)]