

Fluid Mixture

[@wikipedia](#)

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

The [mixture components](#) (which are [pure substances](#)) in this case are called [Fluid Components](#).

A list and [molar fractions](#) of all [fluid components](#) constituting a [fluid mixture](#) is called [Fluid Composition](#).

Unlike [pure substances](#) the [fluid mixtures](#) in a state of [Thermodynamic equilibrium](#) may see [liquid](#) and [gas phases](#) occupy a continuous area in [PT Diagram](#) (see also [Vapour Liquid Equilibrium](#)).

The mass fraction of [liquid](#) and [gas phases](#) is also called [Liquid Quality](#) and [Vapour Quality](#) correspondingly.

[Fluid Mixture](#) may develop few [phases](#) and in this case is called a [Multiphase Fluid](#) (see [Multiphase Fluid vs Fluid Mixture](#)).

See Also

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

[[Pure substance](#)] [[Liquid Quality](#)] [[Vapour Quality](#)] [[Vapour Liquid Equilibrium \(VLE\)](#)]

[[Multiphase Fluid vs Fluid Mixture](#)]

[[Binary Mixture](#)]