



# Mixtures & Solutions

## Pure Substances

A pure substance is made up of only the one type of matter.  
E.g. water, carbon, salt, sugar, oil.

## Mixtures

Mixtures are made up of particles of more than one type of substance, combined but not bonded together.  
E.g. grass and seeds, sand and water.

## Solutions

A solution is a mixture of a **solute** and a **solvent**.  
Therefore, it is made up of at least two pure substances where one substance dissolves within the other, making it transparent.  
E.g. cordial and water, salt water.



Explainers often group substances, mixtures and solutions.

Pure Substances	Mixtures	Solutions

When a solute is added to a solvent and becomes a solution, does the solvent disappear? \_\_\_\_\_

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