

Chem "Pure Substances and Mixture" Summary

Wednesday, January 04, 2023 7:56 PM

1. Pure substances:

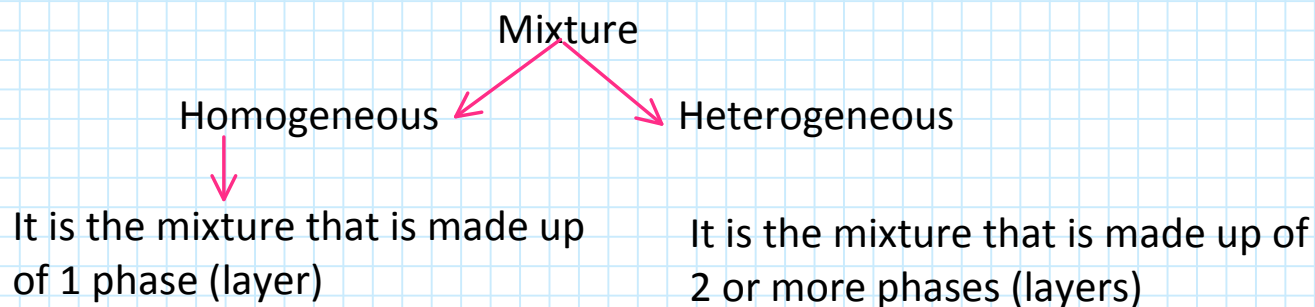
Are substances that are made up of one kind of materials having specific set of physical properties.

2. Physical constants:

Are measurable physical properties that are used to identify a pure substance.

3. Mixture:

Is formed when 2 or more pure substances are mixed together having variable (changeable) physical properties.



4. Miscible and Immiscible: (Liquid + liquid)

→ Miscible: when there is 2 liquids that dissolve in each other leading to the formation of homogeneous mixture.

→ Immiscible: when there is 2 liquids that don't dissolve in each other leading to the formation of heterogeneous mixture.

5. Soluble and Insoluble: (solid + solid)

→ Soluble: when the solid dissolves completely in a liquid leading to the formation of a homogeneous mixture.

→ Insoluble: when the solid doesn't dissolve completely in a liquid leading

to the formation of a heterogeneous mixture.