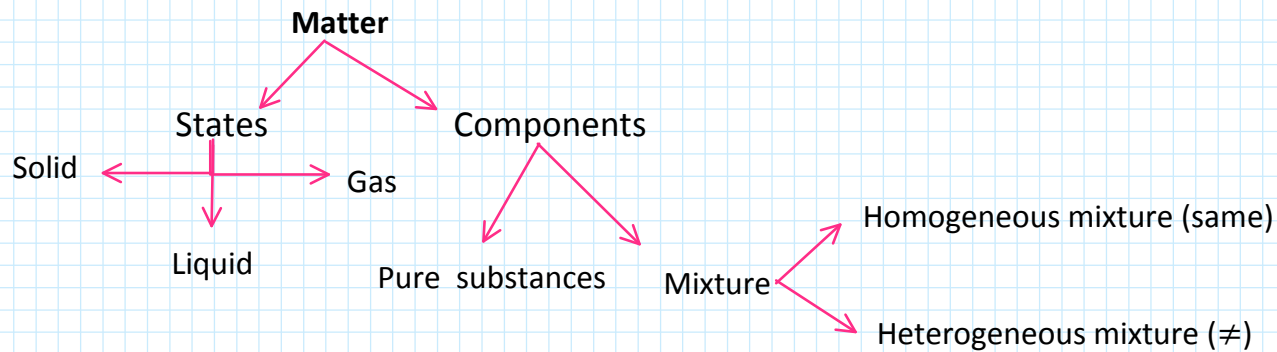


Chem "Pure Substances" Summary

Tuesday, January 03, 2023 10:09 PM

1.



2. Physical properties:

- It is the property that can be observed or measured without changing the identity of matter (chemical nature) of the substance.
- The physical properties (boiling point, melting point, density) are measurable physical quantities that are called physical constants.

3. Physical change:

It is the change in the form of the substance without changing its composition although the phase (state) changes.

4. Chemical properties:

Are the properties that change the chemical nature of matter, such as heat.

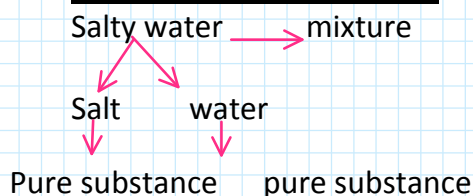
5. Pure substance:

Is a substance that is formed of only one kind of material with specific physical properties. Such as: density, boiling point, melting point.

6. Mixture:

It is 2 or more pure substances mixed together

7. Elements and compounds:



8. Molecule

It is formed when 2 or more atoms join together chemically.

Atom	Element	Compound
Simplest form obtained	2 or more identical atoms joined together	2 or more different atoms joined together