

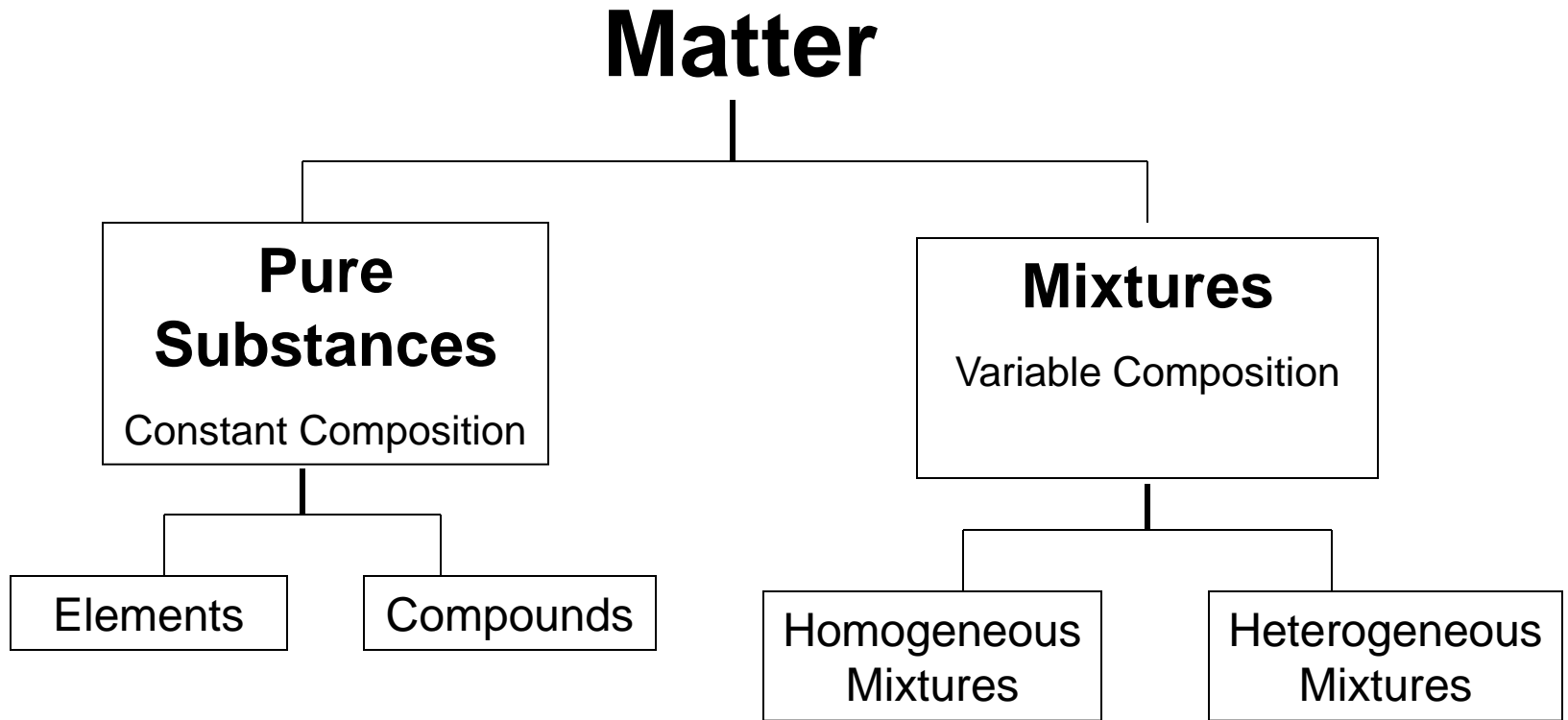
Classification of Matter

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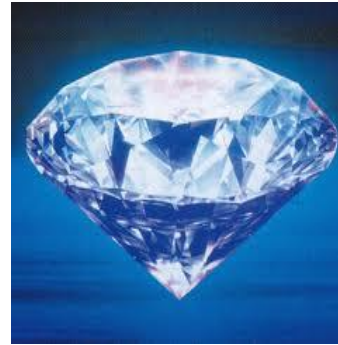
Department of Chemistry and Biochemistry

Introduction



Pure Substances

Elementary substances: made up of only one kind of atom.



Ex: C

Compound: two or more elements chemically combine together.

Ex: Na_2CO_3 .



Mixtures

- Contain more than one pure substance.

Mixture

Homogeneous mixture



Heterogeneous mixture



Test

In substances listed below, () are Mixture;
() are compound and () are element.

Syrup; Charcoal; Magnesium oxide.