

Pure Substances & Mixtures

Chapter 2.1 (Continued)



Pure Substance

- Matter with fixed composition and definite properties
- Example - Water



Mixture

- A combination of more than one pure substance
- Pure substances can be removed without changing the composition



Mixtures: (solid and liquid)

■ Homogeneous
mixture =

Mixing is the same
throughout

Example – Salt and
Water

■ Heterogeneous
mixture =

Mixing does not occur
uniformly

Example – Flour
and Water



Mixtures: (Liquids only)

Classified by how well the substances mix

- Miscible =
Substances mix well
 - Will not separate over time.

Example: gasoline

- Immiscible =
Substances do not mix well.
 - Will separate over time.

Example: Oil & Water