

Exercise 1

1. Select homogenous and heterogenous

Homogenous → Saltwater mixture, water, air, steel, seawater, brass

Heterogenous → sand, water, charcoal, alcohol, fruit juice, mist

2. Pure substance → They are compounds or either elements. They contain atoms and molecules.

b) Impure substance → A substance in which some other are also present in smaller or larger amounts is called a mixture or impure substance.

c) Heterogenous mixture → A mixture in which the components or constituents are not uniformly distributed throughout its volume and be easily seen separately is called a heterogeneous mixture.

d) Solution → The homogenous mixture of water and a substance soluble in it is called solution.

e) Homogeneous Mixture) A mixture in which its constituents are uniformly distributed throughout its volume and cannot be seen separately is called homogeneous mixture.

f) Alloys A mixture of two or more elements are called alloy.