Section 5.1 Note - Adapted

Mixture

A mixture as two or more different types of matter (elements).

In your home, many mixtures have a ‘list of ingredients’.

There are 2 types of mixtures: heterogeneous and homogeneous (pure) mixtures.

Heterogeneous mixtures are mixtures with more than one set of properties. The amounts of each type of matter in it change with each sample. Examples include sand, concrete, asphalt, and pizza.

Homogeneous mixtures are the exact same all the way through the sample. It is a pure substance. Sugar dissolved in water, salt dissolved in water.

How do you tell what type of mixture you have?

Observation – can you see differences in the sample? (eyes or microscope)?

All heterogeneous things are mixtures; some homogeneous things are made up of only one element.

Remember the milk example – under a microscope you should see little balls of fat! Milk is a heterogeneous mixture.