**Pure substances**

**Pure substances** are defined as **substances** that are made of only one type of atom or molecule. The purity of a **substance** is the measure of the extent to which a given **substance** is **pure**.

Images of Pure substances:



Every combination of **atoms** is a **molecule**. A **compound** is a **molecule** made of **atoms** from **different** elements. All **compounds** are **molecules**, but not all **molecules** are **compounds**.

Water is a molecule but also a compound.

Oxygen Gas is a molecule but not a compound because it is made up of 2 of the same atoms.