

# Properties of all Fluids



\*'Fluids' are substances that have the 'Ability to Flow'.

\*Liquids and Gases are 'Fluids' in that their molecules have the ability to move over and around each other....Flow.

\*Liquids will find their own level in a container and take the shape of the container.

\*Liquids have a definite, constant volume at a specific temperature, but no definite shape.

\*Liquids are considered to be incompressible.

\*The molecular attractive forces in liquids is less than those of solids (which have strong inter-molecular attraction).

\*Gases have no definite shape or volume and will fill the volume available to them.

\*The molecules of gases are widely scattered and move around randomly.

\*Gases are highly compressible. The volume they occupy is easily changed.

\*Gases have little to no inter-molecular attractive forces.