

Chemical Properties of a Substance

H-O-H

1. Do not change with the change of its physical state
2. But @ of chemical RKN do depend upon the physical state.

During experiments we require knowledge of the state of matter. Therefore, it becomes necessary for a chemist to know the Physical Laws which govern the behaviour of matter in different states

So we need to learn about

1. Physical states of matter particularly liquid & gaseous states.
2. Intermolecular forces and intramolecular forces,
3. Molecular interactions
4. Effect of thermal energy on the motion of particles

Because a balance between these determines the state of a substance