Chemical Properties of Matter and Reactions



Matter: Physical and Chemical Properties



Matter in our Surroundings Def: Anything that has mass and volume (occupies space) is matter. Examples of mortler: Cup, pen, table, dog, rat, humans. Mon-living things. living things

Earliest know classification of matter a was done by Aristotle.

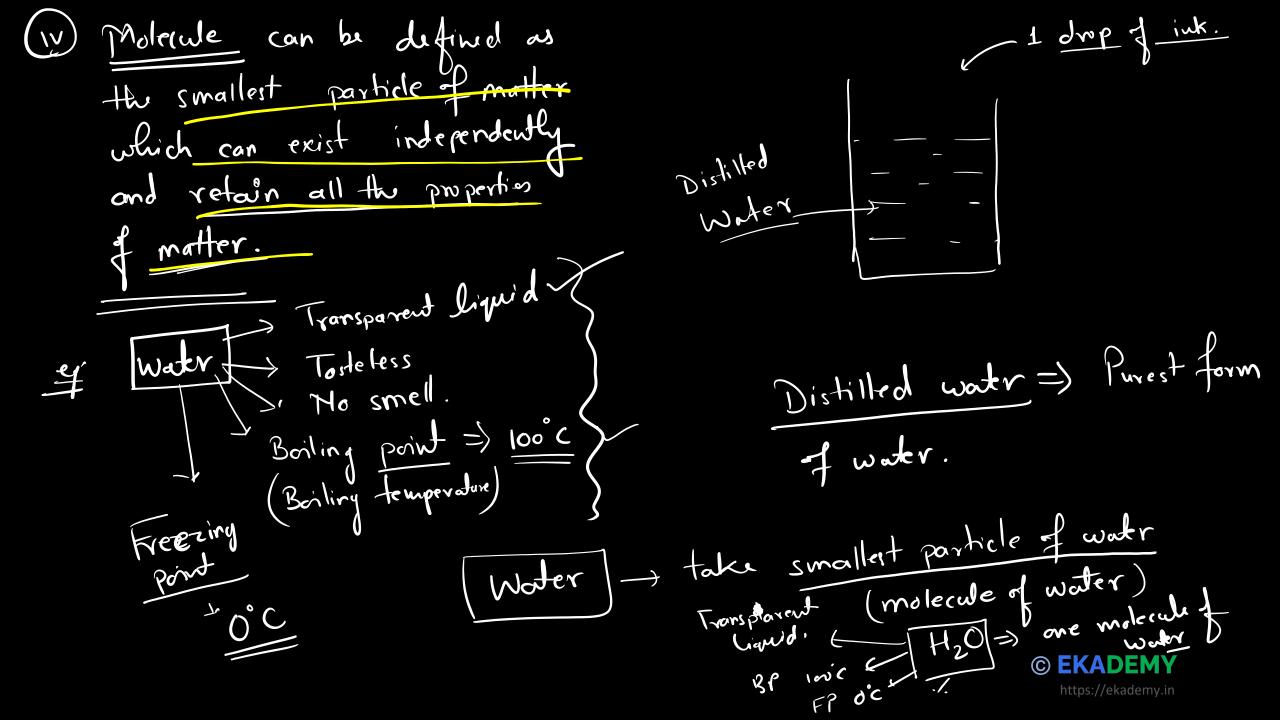
into Metals and Mon-metals



In modern doys scientists have evalued two types of clossification of matter based on their physical and chemical nature/properties. Physical nature of matter: Matter is made up of particles water by millions of times 00000 00000 00000 N0000 Particles
questr.

These particles are very-very small.

There tiny particles are also known as molecules



further, then the HLO break with which water (matter) is Particle smallest HUO ہ د ن mode up

Characteristics of Particles of motter. Particles of matter have space between them. Q. Why level of water vises when we put
a spoon in the glass but does not changes
when a spoon of salt dissolved in it? Particles of matter are continuously moving. glas B Salt dissolves tokes longer time to Salt dissolves Within minutes dissolve uhu we stry the content of glass A

Particle of mother attracts each other.

Thagnituded force of attract in is different in for different mother bubstance.

Sas



