

Neutralisation



It is the reaction in which an acid reacts with a base to form a new substance and water along with the evolution of heat. Thus, a new substance is formed called salt.

Example:

When hydrochloric acid reacts with sodium hydroxide to form sodium chloride and water. The sodium chloride form is salt. The chemical reaction is shown below:

Hydrochloric acid (HCl) \rightarrow Sodium hydroxide (NaOH) + Sodium chloride (NaCl) \rightarrow Water (H₂O)

Salt:

1. It is formed by neutralization process.
2. Salt can be acidic, basic, or neutral depending on its reactants.
3. Salt exists in different colors which may range from colorless to almost all different colors.
4. They always exist in solids with high melting points.
5. They conduct electricity when dissolved in water or in a molten state.
6. For example sodium chloride, magnesium chloride, etc.

NEUTRALIZATION REACTION EQUATION

