

Double displacement reaction

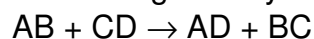
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{youtube}sviKA633SWw{/youtube}

In this video explains Double displacement reaction:

It is a reaction in which there is an exchange of positive ions between two compounds. These reactions generally take place between two ionic compounds in aqueous solution.



A,C are Cations and B,D are Anions.

Aim : Formation of barium sulphate and sodium chloride from barium chloride and sodium sulphate

Requirement : Test tubes, sodium sulphate solution and barium chloride solution

Activity : Take some sodium sulphate solution in a test tube.

In another test tube take same amount of barium chloride solution mix the two solutions and observe carefully?

Here we can observe the white precipitate of BaSO_4 is formed by the reaction of SO_4^{2-} and Ba^{2+} . The other product formed is sodium chloride which remains in the solution. There is an exchange of ions between the reactants are called double displacement reactions.

□□□□ : <http://www.7active.in>

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