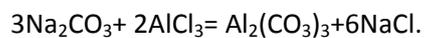


How does adding Na₂CO₃ affect the hydrolysis of AlCl₃?

Answer:

If we add Na₂CO₃ to the solution of AlCl₃, we will obtain Al₂(CO₃)₃:



Al₂(CO₃)₃ has been formed by weak base Al(OH)₃ and weak acid H₂CO₃, therefore, this salt hydrolyzes faster than AlCl₃:

