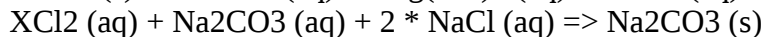
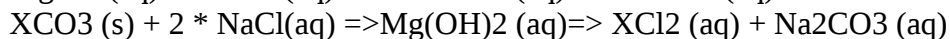
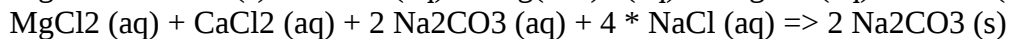
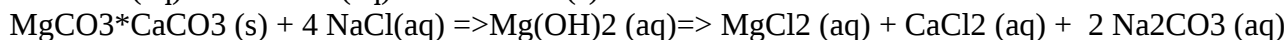
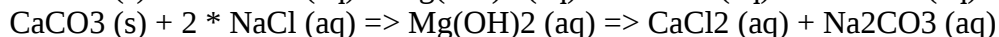
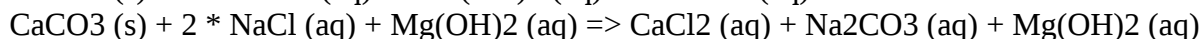
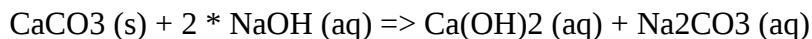


Improved Solvay



Experiment improved Solvay

Pour 200 grams of water into the first beaker. Then add 0.2 grams magnesium hydroxide $\text{Mg}(\text{OH})_2$ and 5 grams calcium carbonate CaCO_3 and 6.5 grams sodium chloride NaCl to the first beaker. Then mix the contents of the first beaker until a clear solution is obtained with a precipitate of magnesium hydroxide $\text{Mg}(\text{OH})_2$. Then decant the solution from the first beaker into the second beaker and in the second beaker slowly add 6.5 grams of dry sodium chloride NaCl . There will be precipitation of 5.3 grams of sodium carbonate Na_2CO_3 . Then decant the solution over the sediment of sodium carbonate Na_2CO_3 and take the precipitate of sodium carbonate Na_2CO_3 out of the second beaker and sell the sodium carbonate Na_2CO_3 .

Lukasz Kielbowicz

