

Acids and Bases2

- OC35 state the names and formulae of common strong acids and bases: H_2SO_4 , HCl , NaOH , $\text{Ca}(\text{OH})_2$, and understand that alkalis are soluble bases
- OC36 show the neutralisation of an acid with a base using an indicator
- OC37 understand that, when an acid reacts with a base, a salt and water are formed
- $\text{HCl} + \text{NaOH} \rightarrow \text{NaCl} + \text{H}_2\text{O}$
(word equation O.L.)
 - $2\text{HCl} + \text{CaCO}_3 \rightarrow \text{CaCl}_2 + \text{CO}_2 + \text{H}_2\text{O}$
(word equation O.L.)
- OC38 titrate HCl against NaOH , and prepare a sample of NaCl .

