

Acid Base Neutralization

Acids:

- contain H^{1+} ion
- taste sour
- can react with metals to produce corrosion and hydrogen gas

Bases:

- contain OH^{1-} ion
- taste bitter
- feel slippery

A neutralization reaction between an acid and an equivalent amount of base produces a salt and water. It becomes neutral.

Word Equation:

hydrochloric acid + sodium hydroxide →
sodium chloride + water

sulphuric acid + sodium hydroxide →
sodium sulphate + water

Chemical Equation:

