Group 2

A-Level Chemistry · Vocabulary in context

Word	Example
group /gruːp/	Sodium and potassium are in the same **group**.
reactivity /rɪəkˈtɪvɪti/	Potassium has a higher **reactivity** than sodium.
shielded	The outer electrons are **shielded** by the inner shells.
sulfate /ˈsʌlfeɪt/	Copper **sulfate** is a blue salt.
oxide /ˈɒksaɪd/	Magnesium **oxide** forms when magnesium burns.
hydroxide /haɪˈdrɒksaɪd/	Sodium **hydroxide** is a strong alkali.
carbonate /ˈkɑːbəneɪt/	Calcium **carbonate** fizzes with acid.
thermal decomposition /ˈθɜːml ˌdiːkɒmpəˈzɪʃn/	**Thermal decomposition** of calcium carbonate gives calcium oxide and carbon dioxide.
nitrate /ˈnaɪtreɪt/	Potassium **nitrate** is used in fertilisers.
thermal stability /ˈθɜːml stəˈbɪlɪti/	Barium carbonate has a higher **thermal stability** than magnesium carbonate.
solubility /ˌsɒljuːˈbɪlɪti/	Sugar has a high **solubility** in water.

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