Inorganic chemistry

Pearson Edexcel · International GCSE · Chemistry · Vocabulary in context

Word	Example
greenhouse gas /ˈgriːnhaʊs gæs/	Carbon dioxide is a **greenhouse gas**.
rusting /ˈrʌstɪŋ/	**Rusting** needs both water and oxygen.
galvanising /ˈgælvənaɪzɪŋ/	**Galvanising** coats iron with zinc.
sacrificial protection /ˌsækrɪˈfɪʃl prəˈtekʃn/	In **sacrificial protection**, a more reactive metal corrodes instead of the iron.
oxidation /ˌɒksɪˈdeɪʃn/	**Oxidation** is the loss of electrons.
reduction /rɪˈdʌkʃn/	**Reduction** is the gain of electrons.
oxidising agent /ˈɒksɪdaɪzɪŋ ˈeɪdʒənt/	Oxygen is an **oxidising agent**.
reducing agent /rɪˈdjuːsɪŋ ˈeɪdʒənt/	Carbon is a **reducing agent** in a blast furnace.
alloy /ˈælɔɪ/	Brass is an **alloy** containing copper and zinc.
titration /taɪˈtreɪʃn/	A **titration** finds the exact volume of acid needed.
pH scale /piː eɪtʃ skeɪl/	Use the **pH scale** to compare how acidic solutions are.
flame test /fleɪm test/	In a **flame test**, sodium gives a yellow flame.
precipitate /prɪˈsɪpɪteɪt/	A white **precipitate** forms when silver nitrate meets chloride ions.

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