

Pearson Edexcel · International GCSE · Chemistry

Glossary · every term in the course, A–Z

English

activation energy

/ˌæktɪ'veɪʃn 'enədʒi/

addition

/ə'dɪʃn/

addition polymer

alcohol

/'ælkəhɒl/

alkane

/'ælkəɪn/

alkene

/'ælkɪn/

alloy

/'æloɪ/

anion

/'ænaɪən/

anode

/'ænəʊd/

atomic number

/ə'tɒmɪk 'nʌmbə/

boiling

/'bɔɪlɪŋ/

calorimetry

/ˌkælə'rɪmətri/

carboxylic acid

/ˌkɑ:bək'sɪlɪk 'æsɪd/

catalyst

/'kætəlist/

cathode

/'kæθəʊd/

cation

/'kætəɪən/

chromatography

/krəʊmə'tɒɡrəfi/

collision theory

/kə'lɪʒn 'θɪəri/

English

compound

/ˈkɒmpaʊnd/

condensation

/kɒndənˈseɪʃn/

covalent

Covalent bonding

/ˈkəʊvələnt ˈbɒndɪŋ/

cracking

/ˈkrækɪŋ/

crystallisation

/ˌkrɪstəlaɪˈzeɪʃn/

displayed formula

/dɪˈspleɪd ˈfɔːmjʊlə/

distillation

/dɪstrɪˈleɪʃn/

dynamic equilibrium

/daɪˈnæmɪk ɪˌkwɪˈlɪbrɪəm/

electrolysis

/ɪlekˈtrɒləsɪs/

element

/ˈelɪmənt/

empirical formula

/emˈpɪrɪkl ˈfɔːmjʊlə/

endothermic

/ˌendəʊˈθɜːmɪk/

ester

/ˈestə/

ethyl ethanoate

evaporation

/ɪˌvæpəˈreɪʃn/

exothermic

/egzəˈθɜːmɪk/

fermentation

/fɜːməntəˈeɪʃn/

filtration

/fɪlˈtreɪʃn/

flame test

/fleɪm test/

English

fractional distillation

/ˈfrækʃənl dɪstrɪˈleɪʃn/

freezing

/ˈfriːzɪŋ/

functional group

/ˈfʌŋkʃənl gruːp/

galvanising

/ˈgælvənaɪzɪŋ/

greenhouse gas

/ˈɡriːnhaʊs gæs/

group

/gruːp/

homologous series

/həˈmɒləɡəs ˈsɪəriːz/

hydrocarbon

/ˈhaɪdrəkaːbən/

incomplete

combustion

/ɪŋkəmˈpliːt kəmˈbʌstʃn/

ionic

Ionic bonding

/aɪˈɒnɪk ˈbɒndɪŋ/

isomer

/ˈaɪsəmə/

isomerism

/ˈaɪsəməraɪzəm/

isotope

/ˈaɪsətəʊp/

mass number

/mæs ˈnʌmbə/

melting

/ˈmeltɪŋ/

mixture

/ˈmɪkstʃə/

mole

/məʊl/

monomer

/ˈmɒnəʊmə/

oxidation

/ˌɒksɪˈdeɪʃn/

English

oxidising agent

/ˈɒksɪdaɪzɪŋ ˈeɪdʒənt/

paper

chromatography

/ˈpeɪpə krəʊməˈtɒɡrəfi/

percentage yield

/pəˈsentɪdʒ jiːld/

period

/ˈpɪəriəd/

pH scale

pH

/piː eɪtʃ skeɪl/

polyester

/ˌpɒliˈestə/

precipitate

/prɪˈsɪpɪteɪt/

reducing agent

/rɪˈdjuːsɪŋ ˈeɪdʒənt/

reduction

/rɪˈdʌkʃn/

reversible reaction

/rɪˈvɜːsɪbl rɪˈækʃn/

rusting

/ˈrʌstɪŋ/

sacrificial protection

/ˌsækrɪˈfɪʃl prəˈtektʃn/

saturated

/ˈsætʃəreɪtɪd/

saturated solution

/ˈsætʃəreɪtɪd səˈluːʃn/

simple distillation

/ˈsɪmpl dɪstrɪˈleɪʃn/

solubility curve

solute

/ˈsɒljʊːt/

solution

/səˈluːʃn/

solvent

/ˈsɒlvənt/

state symbol

/steɪt ˈsɪmbl/

English

sublimation

/ˌsʌblɪˈmeɪʃn/

substitution

/ˌsʌbstɪˈtjuːʃn/

titration

/taɪˈtreɪʃn/

unsaturated

/ʌnˈsætʃəreɪtɪd/
