Pearson Edexcel · International GCSE · Chemistry

Glossary · every term in the course, A–Z

English

activation energy
/ˌæktɪˈveɪʃn ˈenədʒi/

addition
/əˈdɪʃn/

addition polymer
/əˈdɪʃn ˈpɒlɪmə/

alcohol
/ˈælkəhɒl/

alkane
/ˈælkeɪn/

alkene
/ˈælkiːn/

alloy
/ˈælɔɪ/

anion
/ˈænaɪən/

anode
/ˈænəʊd/

atomic number
/əˈtɒmɪk ˈnʌmbə/

boiling
/ˈbɔɪlɪŋ/

calorimetry
/ˌkælɔːˈrɪmətri/

carboxylic acid
/ˌkɑːbəkˈsɪlɪk ˈæsɪd/

catalyst
/ˈkætəlɪst/

cathode
/ˈkæθəʊd/

cation
/ˈkætaɪən/

chromatography
/krəʊməˈtɒgrəfi/

English

collision theory
/kəˈlɪʒn ˈθɪəri/

compound
/ˈkɒmpaʊnd/

condensation
/kɒndenˈseɪʃn/

covalent

Covalent bonding
/ˈkəʊvələnt ˈbɒndɪŋ/

cracking
/ˈkrækɪŋ/

crystallisation
/ˌkrɪstəlaɪˈzeɪʃn/

displayed formula
/dɪˈspleɪd ˈfɔːmjʊlə/

distillation
/dɪstɪˈleɪʃn/

dynamic equilibrium
/daɪˈnæmɪk ˌiːkwɪˈlɪbrɪəm/

electrolysis
/ɪlekˈtrɒləsɪs/

element
/ˈelɪmənt/

empirical formula
/emˈpɪrɪkl ˈfɔːmjʊlə/

endothermic
/ˌendəʊˈθɜːmɪk/

ester
/ˈestə/

ethyl ethanoate
/ˈiːθaɪl ˈeθənəʊt/

evaporation
/ɪˌvæpəˈreɪʃn/

exothermic
/egzəˈðɜːmɪk/

fermentation
/fɜːmənˈteɪʃn/

filtration
/fɪlˈtreɪʃn/

English

flame test
/fleɪm test/
fractional distillation
/ˈfrækʃənl dɪstɪˈleɪʃn/
freezing
/ˈfriːzɪŋ/
functional group
/ˈfʌŋkʃənl gruːp/
galvanising
/ˈgælvənaɪzɪŋ/
greenhouse gas
/ˈgriːnhaʊs gæs/
group
/gruːp/
homologous series
/həˈmɒləgəs ˈsɪəriːz/
hydrocarbon
/ˈhaɪdrəkɑːbən/
incomplete
combustion
/ɪŋkəmˈpliːt kəmˈbʌstʃn/
ionic
/aɪˈɒnɪk/
Ionic bonding
/aɪˈɒnɪk ˈbɒndɪŋ/
isomer
/ˈaɪsəmə/
isomerism
/ˈaɪsəmərɪzəm/
isotope
/ˈaɪsətəʊp/
mass number
/mæs ˈnʌmbə/
melting
/ˈmeltɪŋ/
mixture
/ˈmɪkstʃə/
mole
/məʊl/
monomer
/ˈmɒnəʊmə/

English

oxidation
/ˌɒksɪˈdeɪʃn/
oxidising agent
/ˈɒksɪdaɪzɪŋ ˈeɪdʒənt/
paper
chromatography
/ˈpeɪpə krəʊməˈtɒgrəfi/
percentage yield
/pəˈsentɪdʒ jiːld/
period
/ˈpɪərɪəd/
pH scale
/piː eɪtʃ skeɪl/
polyester
/ˌpɒlɪˈestə/
precipitate
/prɪˈsɪpɪteɪt/
reducing agent
/rɪˈdjuːsɪŋ ˈeɪdʒənt/
reduction
/rɪˈdʌkʃn/
reversible reaction
/rɪˈvɜːsɪbl rɪˈækʃn/
rusting
/ˈrʌstɪŋ/
sacrificial protection
/ˌsækrɪˈfɪʃl prəˈtekʃn/
saturated
/ˈsætʃəreɪtɪd/
saturated solution
/ˈsætʃəreɪtɪd səˈluːʃn/
simple distillation
/ˈsɪmpl dɪstɪˈleɪʃn/
solubility curve
/ˌsɒljuːˈbɪlɪti kɜːv/
solute
/ˈsɒljuːt/
solution
/səˈluːʃn/

English
solvent /ˈsɒlvənt/
state symbol /steɪt ˈsɪmbl/
sublimation /ˌsʌblɪˈmeɪʃn/
substitution /ˌsʌbstɪˈtjuːʃn/
titration /taɪˈtreɪʃn/
unsaturated /ʌnˈsætʃəreɪtɪd/