
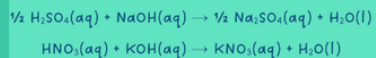


Enthalpy Changes Flashcards



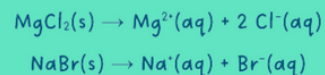
Enthalpy of neutralisation

Enthalpy change when 1 mole of water is formed in a reaction between an acid and alkali.



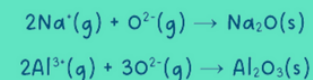
Enthalpy of solution

Enthalpy change when one mole of an ionic solid dissolves in water to give a solution of infinite dilution.




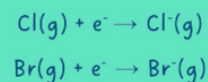
Lattice enthalpy of formation

Enthalpy change when one mole of an ionic compound / lattice is formed from its ions in the gaseous state.



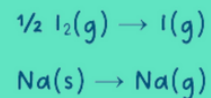
First electron affinity

The enthalpy change for the formation of one mole of gaseous 1- ions from gaseous atoms.




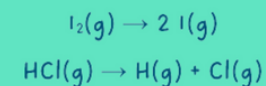
Enthalpy of atomisation

Enthalpy change for the formation of 1 mole of gaseous atoms from the element in its standard state.



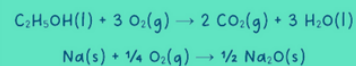
Bond enthalpy

Enthalpy change when one mole of a covalent bond is broken in the gaseous state.




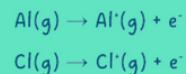
Enthalpy of combustion

Enthalpy change when 1 mole of a substance is completely burned in oxygen with all reactants and products in standard states.



First ionisation energy

Enthalpy change when each atom in one mole of gaseous atoms loses one electron to form one mole of gaseous 1+ ions.



Enthalpy of formation

Enthalpy change when one mole of a compound is formed from its elements in their standard states.

