

IGCSE Chemistry (9-1) Specification 4(c)

(c) Alkanes

Students should:

- 4.19** know the general formula for alkanes
- 4.20** explain why alkanes are classified as saturated hydrocarbons
- 4.21** understand how to draw the structural and displayed formulae for alkanes with up to five carbon atoms in the molecule, and to name the unbranched-chain isomers
- 4.22** describe the reactions of alkanes with halogens in the presence of ultraviolet radiation, limited to mono-substitution
knowledge of reaction mechanisms is not required