

Contents

- Preface* [vii]
- Introduction [1]
- Elements and atoms [3]
- Compounds [5]
- Bonds between atoms [6]
- Organic compounds [8]
- Forces between molecules [11]
- Mixtures [13]
- 1 Simple substances [15]
- Air [16]
- Water and ammonia [26]
- Smog, pollution, and acid rain [30]
- 2 Fuels, fats, and soaps [39]
- Hydrocarbon fuels [40]
- Alcohols and acids [48]
- Fats and oils [58]
- Butter and margarine [65]
- Soaps and detergents [69]
- 3 Synthetic and natural polymers [73]
- Polymers and plastics [73]
- Rubber [84]
- Polyesters and acrylics [88]
- Nylon [93]
- Proteins [98]
- Sugar, starch, and cellulose [108]
- 4 Taste, smell, and pain [121]
- Sweetness [122]
- Sourness and bitterness [126]
- Hot, spicy, and cool [131]
- Meatiness and barbecues [135]

	Fruits and foods	[141]
	Flowers and essential oils	[147]
	Animal smells	[155]
5	Sight and colour	[163]
	Vision	[164]
	Leaves, carrots, and flamingos	[168]
	Flowers, fruit, and wine	[174]
	Browns, bruises, and tans	[177]
6	The light and the dark	[182]
	Analgesics and cures	[182]
	Stimulants	[189]
	Nasty compounds	[198]
7	Life	[202]
	Sex	[202]
	Reproduction	[205]
	<i>Glossary</i>	[211]
	<i>Acknowledgements</i>	[217]
	<i>Index</i>	[218]