

Landolt-Börnstein
Group II: Molecules and Radicals

Volume 13
Radical Reaction Rates in Liquids

Subvolume D
Oxyl-, Peroxyl- and Related Radicals

	Introductory material	
	General introduction (H. FISCHER)	1
8	Oxyl-, peroxy- and related radicals (J.A. HOWARD, J.C. SCAIANO)	5
8.0	General introduction	5
8.1	Alkoxy radicals	5
8.1.0	Introduction	5
8.1.1	Radical-radical reactions	6
8.1.2	Unimolecular reactions	8
8.1.3	Radical-molecule reactions	12
8.1.4	Radical-molecule reactions in competition with unimolecular reactions	79
8.1.5	Miscellaneous	123
8.2	Acyloxy radicals	127
8.3	Phenoxy radicals	142
8.3.0	Introduction	142
8.3.1	Radical-radical reactions	143
8.3.2	Unimolecular reactions	168
8.3.3	Radical-molecule reactions	171
8.4	Hydroperoxy radical	193
8.5	Alkylperoxy radicals	205
8.5.0	Introduction	205
8.5.1	Radical-radical reactions	206
8.5.2	Unimolecular reactions	254
8.5.3	Radical-molecule reactions	257
	Appendix: Data added in proof	430
	Index of substances (See Vol. 13E)	