

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
350	1,1'-Azobis(N,N-dimethylformide) (Diamide)	.OH+(CH ₃) ₂ NCON=NCON(CH ₃) ₂ →		5.1 × 10 ⁹	Average of 4 values.	
			4-8	4.2 × 10 ⁹	p.r.; C.k.; rel. to <i>k</i> (.OH + Phe).	751194
			7.1	7.7 × 10 ⁹	p.r.; P.b.k. at 400 nm.	741061
			10.3-11	5.5 × 10 ⁹	p.r.; C.k.; rel. to <i>k</i> (.OH + CO ₃ ²⁻).	741061
			7	3.0 × 10 ⁹	p.r.; C.k.; rel. to <i>k</i> (.OH + SCN ⁻).	741061