

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
739	2-Chloroethanol	$\text{e}_{\text{aq}}^- + \text{ClCH}_2\text{CH}_2\text{OH} \longrightarrow$	9–11.5	2.0×10^8	p.r.; D.k. at 720 nm in Ar-satd. soln. contg. 0.1 mol L ⁻¹ <i>tert</i> -BuOH and 10 ⁻⁴ –10 ⁻² mol L ⁻¹ 2-chloroethanol.	85A158
			6.2	6.4×10^8	p.r.; D.k. at 600 nm; <i>k</i> increases with pressure → 6.4 kbar (6.4 × 10 ⁸ N/m ²).	720298