

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
411	Butylammonium Ion	$\cdot\text{OH} + \text{n-C}_4\text{H}_9\text{NH}_3^+ \longrightarrow$		3.6×10^9	Average of 4
			3.2×10^9	p.r.; C.k.; calcd. from obs. values at pH 8-13; rel. to $k(\cdot\text{OH} + \text{Fe}(\text{CN})_6^{4-})$.	730016
			2.5×10^9	p.r.; C.k.; calcd. from obs. values at pH 8-13; rel. to $k(\cdot\text{OH} + \text{NB})$.	730016
			3.1×10^9	p.r.; C.k.; calcd. from obs. values at pH 8-13; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	730016
4			5.5×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	700371