

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
410	n-Butylamine	$\bullet\text{OH} + \text{CH}_3(\text{CH}_2)_3\text{NH}_2 \longrightarrow$ $\text{CH}_3\text{CH}_2\text{CH}_2\text{CHNH}_2$			$7.7 \times 10^9$	Average of 3 val
				$6.6 \times 10^9$	p.r.; C.k.; calcd. from obs. values at pH 8-13; rel. to k( $\bullet\text{OH} + \text{NB}$ ).	730016
				$8.2 \times 10^9$	p.r.; C.k.; calcd. from obs. values at pH 8-13; rel. to k( $\bullet\text{OH} + \text{SCN}^-$ ).	730016
				$8.3 \times 10^9$	p.r.; C.k.; calcd. from obs. values at pH 8-13; rel. to k( $\bullet\text{OH} + \text{Fe}(\text{CN})_6^{4-}$ )	730016