

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
64	4-Cyanophenoxide Ion	$\text{O}^{\bullet-} + 4\text{-NCC}_6\text{H}_4\text{O}^- \longrightarrow \text{OH}^- + 4\text{-CNC}_6\text{H}_4\text{O}^\bullet$	14	$6.2 \times 10^8$	p.r.; P.b.k.; cor. for $\cdot\text{OH}$ ; $k_{obs} = 6.8 \times 10^8$ .	751002