

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
47	Benzonitrile	$\text{O}^{\cdot-} + \text{C}_6\text{H}_5\text{CN} \longrightarrow$	14	$7 \times 10^7$	p.r.; C.k., cor. for $\cdot\text{OH}$ ; $k_{obs} = 1.0 \times 10^8$ ; rel. to $k(\cdot\text{O}^- + 3\text{-HX})$ .	751003; 751002