

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
37	Acrylate Ion	$\text{O}^{\cdot-} + \text{CH}_2=\text{CHCO}_2^- \longrightarrow$	14.	$1.5 \times 10^8$	p.r.; C.k.; cor. for $\cdot\text{OH} +$ acrylate ion; rel. to $k(\text{O}^{\cdot-} + 3\text{-HX})$ .	751003