

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
34	Acetylenedicarboxylate Ion	$\text{O}^{\cdot-} + ^-\text{O}_2\text{C}=\text{CO}_2^- \longrightarrow$	14	$< 1 \times 10^7$	p.r.; C.k.; cor. for $\cdot\text{OH}$ reactions; $k_{obs} = 4 \times 10^7$ ; rel. to $k(\cdot\text{O}^- + 3\text{-HX})$ .	751003