

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
398	Butadiene	$\cdot\text{OH} + \text{H}_2\text{C}=\text{CHCH}=\text{CH}_2 \longrightarrow$		$7.0 \times 10^9$	p.r.; C.k.; obs. formn. of $\text{I}_2^-$ at 400 nm; rel. to $k(\cdot\text{OH} + \text{I}^-)$ .	670041