

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
9	Chlorite Ion	$\text{O}^{\bullet-} + \text{ClO}_2^- \longrightarrow \text{ClO}_2^{\bullet} + \text{OH}^-$		$1.9 \times 10^8$	Average of 2 values.	81A242
			14	$2.0 \times 10^8$	p.r.; P.b.k. at 360 nm	81A242
			13	$1.9 \times 10^8$	p.r.; C.k.; rel. to $k(\text{}^{\bullet}\text{OH} + \text{CO}_3^{2-})$ .	720301