

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments	Reference
1167	Tetrachloroethylene	$\cdot\text{OH} + \text{Cl}_2\text{C}=\text{CCl}_2 \longrightarrow \cdot\text{CCl}_2\text{CCl}_2\text{OH}$		2.6×10^9	Average of 2 values.	
			~ 6.5	2.8×10^9	p.r.; C.k.; rel. to k($\cdot\text{OH} + \text{SCN}^-$).	710709
			~ 6.5	2.3×10^9	p.r.; P.b.k. (condy.)(Cl ⁻); ($\text{Cl}_2\text{CCl}_2\text{OH} \longrightarrow \text{H}^+ + \text{Cl}^- + \text{CCl}_2\text{COCl}$).	710709