

No.	Compound name	Reaction equation	pH	Rate constant (L mol ⁻¹ s ⁻¹)	Comments
628	Dodecylsulfate Ion	$\cdot\text{OH} + \text{CH}_3(\text{CH}_2)_{11}\text{OSO}_3^- \longrightarrow$		8.2×10^9	Average
			8.0×10^9	p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$.	710001
			8.4×10^9	p.r.; C.k. with SCN^- ; $k = 5.0 \times 10^8$ for micellar soln.; rel. to $k(\cdot\text{OH} + \text{MeOH})$.	710586