

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
1169	\{\}alpha-Tetradecyl-\{\}omega-(sodiumsulfonato)tri(oxyethylene)	.OH + C <sub>14</sub> H <sub>29</sub> (OC <sub>2</sub> H <sub>4</sub> ) <sub>3</sub> SO <sub>3</sub> Na →		2.8 × 10 <sup>9</sup>	p.r.; C.k.; concn. 10 <sup>-3</sup> mol L <sup>-1</sup> ; k = 8.4 × 10 <sup>8</sup> in micelles (2 × 10 <sup>-2</sup> mol L <sup>-1</sup> ); rel. to k(.OH + SCN <sup>-</sup> ).	78A245