| No. | Compound name | Reaction equation | pH | Rate constant $(\mathrm{L\,mol^{-1}\,s^{-1}})$ | Comments | Reference |
|---|---|---|---|---|---|---|
| 1217 | Trichloroethylene | $.\,\mathrm{OH} + \mathrm{ClCH}{=}\mathrm{CCl_2} \longrightarrow .\,\mathrm{CCl_2CHClOH}$ | | $4.2 \times 10^9$ | Average of 2 values. | 710709 |
| | | | $\sim 6.5$ | $4.0 \times 10^9$ | p.r.; P.b.k. (condy.) (Cl$^-$); (CHClOHCCL$_2 \rightarrow$ H$^+$ + Cl$^-$ + CCl$_2$CHO). | 710709 |
| | | | | $4.3 \times 10^9$ | p.r.; C.k.; rel. to $k(.\mathrm{OH} + \mathrm{SCN}^-)$. | 710709 |