

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|---------------|---|---------|---|--|-----------|
| 10 | Iron(II) Ion | $\text{O}^{\cdot-} + \text{Fe}^{2+} \longrightarrow \text{OH}^- + \text{Fe}^{3+}$ | 4.4-4.8 | 3.8×10^9 | p.r.; C.k.; rel. to $k(\text{O}^{\cdot-} + \text{EtOH})$. | 710137 |