

| No. | Compound name | Reaction equation  | pH  | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments   | Reference |
|-----|---------------|--|-----|---|--|-----------|
| 640 | Ethyl acetate | $\cdot\text{OH} + \text{CH}_3\text{CO}_2\text{C}_2\text{H}_5 \longrightarrow \text{H}_2\text{O} + \text{CH}_3\text{CO}_2\text{CHCH}_3$ | 6-7 | $4.0 \times 10^8$                                       | p.r.; C.k.; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$ . | 650387    |