

| No. | Compound name | Reaction equation | pH | Rate constant (L mol ⁻¹ s ⁻¹) | Comments | Reference |
|-----|----------------|--|-----|---|--|-----------|
| 901 | Methyl acetate | $\cdot\text{OH} + \text{CH}_3\text{CO}_2\text{CH}_3 \longrightarrow \text{CH}_3\text{CO}_2\dot{\text{C}}\text{H}_2 + \text{H}_2\text{O}$ | 6-7 | 1.2×10^8 | p.r.; C.k., at pH 2.0 $k = 2.2 \times 10^8$; rel. to $k(\cdot\text{OH} + \text{SCN}^-)$. | 650387 |