

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
834	Dicyandiamide	$\text{e}_{\text{aq}}^- + \text{NCN}=\text{C}(\text{NH}_2)_2 \longrightarrow [\text{H}_2\text{NC}(=\text{NH})\text{NHCN}]^-$	3-4	$1.2 \times 10^{10}$	$\gamma$ -r.; C.k. in soln. contg. 0.05 mol L <sup>-1</sup> EtOH plus KClO <sub>4</sub> ; obs. G(H <sub>2</sub> ); rel. to $k(\text{e}_{\text{aq}}^- + \text{H}^+)$ ; $I = 0.002$ .	79A030