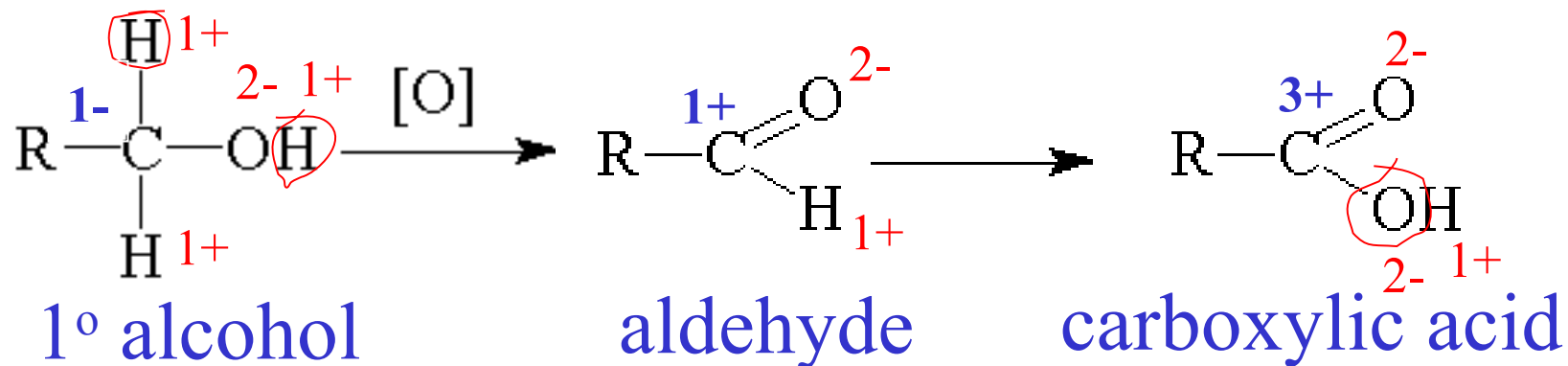


Oxidation of alcohols



[O] = oxidizing agent dichromate $\text{Cr}_2\text{O}_7^{2-}$ Cr^{3+}

permanganate MnO_4^-

weak oxidizing agent PCC 1° alcohol \rightarrow aldehyde

oxidation = loss of e^- density from C

1. binding O
2. removing H