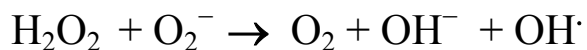
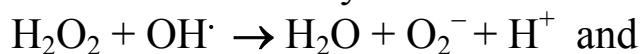


Haber-Weiss reaction

The Haber-Weiss cycle consists of the following two reactions:



The second reaction achieved notoriety as a possible source of hydroxyl radicals. However, it has a negligible rate constant. It is believed that iron(III) complexes can catalyse this reaction: first, Fe(III) is reduced by superoxide, followed by oxidation by dihydrogen peroxide. See also *Fenton reaction*.

1997, 69, 1277