

FENTON REACTION

Summary

The toxicity of iron is mainly due to the Fenton reaction i. e. formation of hydroxyl radicals in a reaction with hydrogen peroxide. The paper presents briefly the history of Fenton discovery, the controversy regarding the nature of the reactive oxidant

formed in the Fenton reaction, the reactivity of the hydroxyl radical, participation of other metal ions in the Fenton reaction and the application of the Fenton reaction for wastewater treatment.