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THE SONOCHEMICAL DEGRADATION OF CYANIDE IONS USING ATMOSPHERIC OXYGEN AS OXIDISING AGENT

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Abstract

Cyanide (CN⁻) is a species of high toxicity found mostly in industrial effluents, which always put a serious problem for environment. Hence, during the evolution of environmental engineering, a large number of procedures have been proposed for treatment of cyanides. This paper presents a study on the ultrasound capacity to enhance the cyanide from wastewater degradation in the presence of the atmospheric oxygen (air bubbled).

Keywords: cyanide ions, ultrasound, sonochemical degradation, atmospheric oxygen

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