

# TiO<sub>2</sub>-catalysed oxidative photodegradation of mercurochrome: an example of an organo-mercury compound

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## Abstract

Irradiation of mercurochrome in an aqueous medium containing TiO<sub>2</sub> caused the complete mineralization of this compound with deposition of metallic mercury on TiO<sub>2</sub>. It is suggested that the photocatalytic decontamination of water would lead to the removal of highly toxic organo-mercury compounds.

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