

عنوان مقاله:

Removal of NMP by photocatalytic degradation in a mixed reactor

محل انتشار:

ششمین کنگره بین المللی مهندسی شیمی (سال: 1388)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

The photocatalytic degradation of N-Methyl-2-pyrrolidone, NMP, was investigated in an aerated UV-Vis/TiO₂ system. The effects of catalyst loading, temperature and pH on the reaction rate were ascertained. The result showed that the photocatalytic degradation of NMP was strongly influenced by these parameters and the optimum condition for maximum degradation was determined.

کلمات کلیدی:

Photooxidation, Titanium dioxide, N-methyl-2- pyrrolidone

لینک ثابت مقاله در پایگاه سیویلیکا:

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