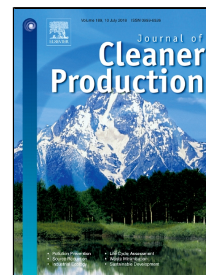


Accepted Manuscript

Process intensification and waste minimization for ibuprofen synthesis process

Yixin Ma, Xia Zhang, Zhaoyou Zhu, Yinglong Wang, Jun Gao, Peizhe Cui



PII: S0959-6526(18)31471-9

DOI: 10.1016/j.jclepro.2018.05.131

Reference: JCLP 12988

To appear in: *Journal of Cleaner Production*

Received Date: 23 March 2018

Accepted Date: 16 May 2018

Please cite this article as: Yixin Ma, Xia Zhang, Zhaoyou Zhu, Yinglong Wang, Jun Gao, Peizhe Cui, Process intensification and waste minimization for ibuprofen synthesis process, *Journal of Cleaner Production* (2018), doi: 10.1016/j.jclepro.2018.05.131

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Title: Process intensification and waste minimization for ibuprofen synthesis process

Authors: Yixin Ma^a, Xia Zhang^b, Zhaoyou Zhu^b, Yinglong Wang^b, Jun Gao^a, Peizhe Cui^{b*}

The contact information for all authors:

Dr. Yixin Ma

College of Chemical and Environmental Engineering

Shandong University of Science and Technology

Mail address: Qianwangang Road 579, Huangdao District, Qingdao, Shandong, China, 266590

E-mail: xinybaby0716@163.com

Tel.: +86-13589203065

Miss. Xia Zhang

College of Chemical Engineering

Qingdao University of Science and Technology

Mail address: Zhengzhou Road 53, Shibei District, Qingdao, Shandong, China, 266042

E-mail: 13012553062@163.com

Tel.: +86-13012553062

Prof. Zhaoyou Zhu

College of Chemical Engineering

Qingdao University of Science and Technology

Mail address: Zhengzhou Road 53, Shibei District, Qingdao, Shandong, China, 266042

E-mail: huagongyl@163.com

Tel.: +86-0532-84022751

Prof. Yinglong Wang

College of Chemical Engineering

Qingdao University of Science and Technology

Mail address: Zhengzhou Road 53, Shibei District, Qingdao, Shandong, China, 266042

E-mail: yinglongw@126.com

Tel.: +86-13455231781

Prof. Jun Gao

College of Chemical and Environmental Engineering

Shandong University of Science and Technology

Mail address: Qianwangang Road 579, Huangdao District, Qingdao, Shandong, China, 266590

Download English Version:

<https://daneshyari.com/en/article/8094262>

Download Persian Version:

<https://daneshyari.com/article/8094262>

[Daneshyari.com](https://daneshyari.com)