

## Accepted Manuscript

Title: The effect of ionic liquid on alumina supported copper catalysts for the competitive hydrogenation of octanal in the presence of octene

Authors: Letisha Naicker, Holger B. Friedrich, Alisa Govender, Pheladi Mohlala



PII: S0926-860X(18)30240-0  
DOI: <https://doi.org/10.1016/j.apcata.2018.05.018>  
Reference: APCATA 16667

To appear in: *Applied Catalysis A: General*

Received date: 29-11-2017  
Revised date: 14-5-2018  
Accepted date: 19-5-2018

Please cite this article as: Letisha N, Friedrich HB, Alisa G, Pheladi M, The effect of ionic liquid on alumina supported copper catalysts for the competitive hydrogenation of octanal in the presence of octene, *Applied Catalysis A, General* (2018), <https://doi.org/10.1016/j.apcata.2018.05.018>

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.

# The effect of ionic liquid on alumina supported copper catalysts for the competitive hydrogenation of octanal in the presence of octene

Letisha Naicker <sup>a</sup>, Holger B. Friedrich <sup>a\*</sup>, Alisa Govender <sup>b</sup>, Pheladi Mohlala <sup>b</sup>

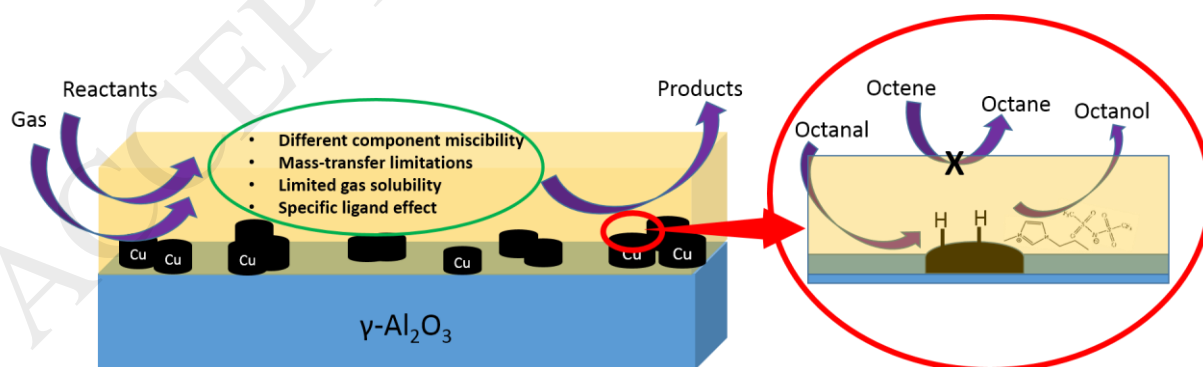
<sup>a</sup> Catalysis Research Group, School of Chemistry and Physics, University of KwaZulu-Natal, Durban 4000, Republic of South Africa.

<sup>b</sup> R&T, Analytics, Group Technology, Sasol South Africa (Pty) Ltd, Sasolburg 1947, RSA

## \*Corresponding Author:

Prof. Holger B. Friedrich  
 School of Chemistry & Physics,  
 University of KwaZulu-Natal,  
 Durban 4000, South Africa.  
 Tel.: +27 31 2603107, Fax: +27 31 2603091  
 E-mail address: [Friedric@ukzn.ac.za](mailto:Friedric@ukzn.ac.za) (H.B. Friedrich)

## Graphical Abstract:



Download English Version:

<https://daneshyari.com/en/article/6496511>

Download Persian Version:

<https://daneshyari.com/article/6496511>

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