## Accepted Manuscript

Title: Reaction of formaldehyde over birnessite catalyst: a combined XPS and ToF-SIMS study

Authors: S. Selvakumar, N. Nuns, M. Trentesaux, V.S. Batra, J.-M. Giraudon, J.-F. Lamonier

PII: S0926-3373(17)30429-0

DOI: http://dx.doi.org/doi:10.1016/j.apcatb.2017.05.029

Reference: APCATB 15670

To appear in: Applied Catalysis B: Environmental

Received date: 15-9-2016 Revised date: 26-4-2017 Accepted date: 9-5-2017

Please cite this article as: S.Selvakumar, N.Nuns, M.Trentesaux, V.S.Batra, J.-M.Giraudon, J.-F.Lamonier, Reaction of formaldehyde over birnessite catalyst: a combined XPS and ToF-SIMS study, Applied Catalysis B, Environmentalhttp://dx.doi.org/10.1016/j.apcatb.2017.05.029

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.

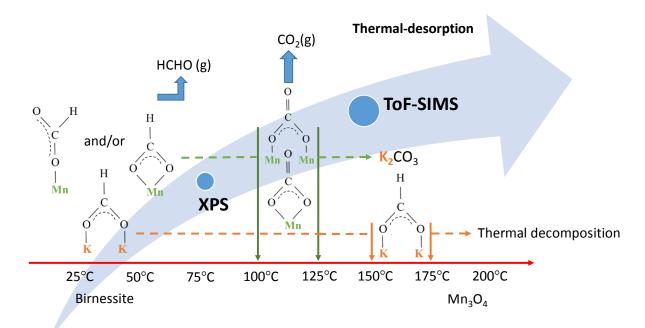


Reaction of formaldehyde over birnessite catalyst : a combined XPS and ToF-SIMS study

S. Selvakumar<sup>1</sup>, N. Nuns<sup>1</sup>, M. Trentesaux<sup>1</sup>, V. S. Batra<sup>2</sup>, J.-M. Giraudon<sup>1</sup>, J.-F. Lamonier<sup>1</sup>\*

- <sup>1</sup> Univ. Lille, CNRS, Centrale Lille, ENSCL, Univ. Artois, UMR 8181 UCCS Unité de Catalyse et Chimie du Solide, F-59000 Lille (France)
- <sup>2</sup> The Energy and Resources Institute (TERI), IHC Complex, Lodi Road, New Delhi 110003 (India)
- \* jean-francois.lamonier@univ-lille1.fr

## Graphical abstract



**HCHO** adsorption

## Download English Version:

## https://daneshyari.com/en/article/6498863

Download Persian Version:

https://daneshyari.com/article/6498863

<u>Daneshyari.com</u>