

Accepted Manuscript

Impacts of ammonium based ionic liquids alkyl chain on thermodynamic hydrate inhibition for carbon dioxide rich binary gas

Muhammad Saad Khan, Cornelius B. Bavoh, Behzad Partoon, Omar Nashed, Bhajan Lal, Nurhayati Bt Mellon



PII: S0167-7322(17)35893-2
DOI: doi:[10.1016/j.molliq.2018.04.015](https://doi.org/10.1016/j.molliq.2018.04.015)
Reference: MOLLIQ 8918
To appear in: *Journal of Molecular Liquids*
Received date: 8 December 2017
Revised date: 20 March 2018
Accepted date: 4 April 2018

Please cite this article as: Muhammad Saad Khan, Cornelius B. Bavoh, Behzad Partoon, Omar Nashed, Bhajan Lal, Nurhayati Bt Mellon , Impacts of ammonium based ionic liquids alkyl chain on thermodynamic hydrate inhibition for carbon dioxide rich binary gas. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Molliq(2017), doi:[10.1016/j.molliq.2018.04.015](https://doi.org/10.1016/j.molliq.2018.04.015)

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.

Impacts of Ammonium based Ionic Liquids Alkyl Chain on Thermodynamic Hydrate Inhibition for Carbon Dioxide Rich Binary Gas

Muhammad Saad Khan^{1,2}, Cornelius B. Bavoh^{1,2}, Behzad Partoon¹, Omar Nashed^{1,2},
Bhajan Lal^{1,2*}, Nurhayati Bt Mellon²

*Corresponding author: bhajan.lal@utp.edu.my

¹CO₂ Research Centre (CO₂RES), Universiti Teknologi PETRONAS, Bandar Seri Iskandar, 32610, Perak, Malaysia.

²Chemical Engineering Department, Universiti Teknologi PETRONAS, Bandar Seri Iskandar, 32610, Perak, Malaysia.

Download English Version:

<https://daneshyari.com/en/article/7842517>

Download Persian Version:

<https://daneshyari.com/article/7842517>

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