

Accepted Manuscript

Effect of Aromatic/Aliphatic based Ionic Liquids on the Phase Behavior of Methane Hydrates: Experiments and Modeling

Pawan Gupta, Sivabalan Sakthivel, Jitendra S. Sangwai

PII: S0021-9614(17)30306-3
DOI: <http://dx.doi.org/10.1016/j.jct.2017.08.037>
Reference: YJCHT 5196

To appear in: *J. Chem. Thermodynamics*

Received Date: 22 February 2017
Revised Date: 15 August 2017
Accepted Date: 24 August 2017



Please cite this article as: P. Gupta, S. Sakthivel, J.S. Sangwai, Effect of Aromatic/Aliphatic based Ionic Liquids on the Phase Behavior of Methane Hydrates: Experiments and Modeling, *J. Chem. Thermodynamics* (2017), doi: <http://dx.doi.org/10.1016/j.jct.2017.08.037>

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.

Effect of Aromatic/Aliphatic based Ionic Liquids on the Phase Behavior of Methane Hydrates: Experiments and Modeling

Pawan Gupta¹, Sivabalan Sakthivel^{1,2}, Jitendra S. Sangwai^{1,*}

¹Gas Hydrate and Flow assurance Laboratory, Petroleum Engineering Program,
Department of Ocean Engineering, Indian Institute of Technology Madras,
Chennai 600 036, India.

²Department of Chemistry, Madras Christian College, Chennai – 600 045, India.

***Corresponding Author:**

Jitendra S. Sangwai: jitendrasangwai@iitm.ac.in

Phone: +91-44-2257-4825 (Office)

Fax: +91-44-2257-4802

Download English Version:

<https://daneshyari.com/en/article/6659885>

Download Persian Version:

<https://daneshyari.com/article/6659885>

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