

## Accepted Manuscript

Liquid density, viscosity, surface tension, and spectroscopic investigation of 1,2-ethanediamine+1,2-propanediol for CO<sub>2</sub> capture

Long Zhao, Qiang Li, Liang Ma, Chang Liu, Feng Sha, Jianbin Zhang



PII: S0167-7322(17)31183-2  
DOI: doi: [10.1016/j.molliq.2017.05.144](https://doi.org/10.1016/j.molliq.2017.05.144)  
Reference: MOLLIQ 7436

To appear in: *Journal of Molecular Liquids*

Received date: 17 March 2017

Revised date: 20 May 2017

Accepted date: 31 May 2017

Please cite this article as: Long Zhao, Qiang Li, Liang Ma, Chang Liu, Feng Sha, Jianbin Zhang , Liquid density, viscosity, surface tension, and spectroscopic investigation of 1,2-ethanediamine+1,2-propanediol for CO<sub>2</sub> capture, *Journal of Molecular Liquids* (2017), doi: [10.1016/j.molliq.2017.05.144](https://doi.org/10.1016/j.molliq.2017.05.144)

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.

Liquid Density, Viscosity, Surface Tension, and Spectroscopic Investigation of  
1,2-Ethanediamine + 1,2-Propanediol for CO<sub>2</sub> Capture

Long Zhao<sup>1,2</sup>, Qiang Li<sup>1,2</sup>, Liang Ma<sup>1,2</sup>, Chang Liu<sup>1,2</sup>, Feng Sha<sup>1,2</sup>, and Jianbin Zhang<sup>1,2\*</sup>

1 College of Chemical Engineering, Inner Mongolia University of Technology, Hohhot 010051, China

2 Inner Mongolia Engineering Research Center for CO<sub>2</sub> Capture and Utilization, Hohhot 010051, China

\*To whom correspondence should be addressed. Tel.: +86-471-6575722; Fax: +86-471-6575722. E-mail:  
tadzhang@pku.edu.cn (J. B. Zhang)

Download English Version:

<https://daneshyari.com/en/article/5408341>

Download Persian Version:

<https://daneshyari.com/article/5408341>

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