

## Accepted Manuscript

Densities and viscosities of binary mixtures of magnetic ionic liquids 1-alkyl-3-methylimidazolium tetrachloroferrate with ethyl acetate at temperatures (293.15 to 323.15)K

Xiaohua Li, Qing Zhou, Xingmei Lu, Suojiang Zhang

PII: S0167-7322(17)32167-0  
DOI: doi: [10.1016/j.molliq.2017.08.014](https://doi.org/10.1016/j.molliq.2017.08.014)  
Reference: MOLLIQ 7722

To appear in: *Journal of Molecular Liquids*

Received date: 17 May 2017  
Revised date: 4 August 2017  
Accepted date: 5 August 2017

Please cite this article as: Xiaohua Li, Qing Zhou, Xingmei Lu, Suojiang Zhang , Densities and viscosities of binary mixtures of magnetic ionic liquids 1-alkyl-3-methylimidazolium tetrachloroferrate with ethyl acetate at temperatures (293.15 to 323.15)K, *Journal of Molecular Liquids* (2017), doi: [10.1016/j.molliq.2017.08.014](https://doi.org/10.1016/j.molliq.2017.08.014)

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.



**Densities and viscosities of binary mixtures of magnetic ionic liquids 1-alkyl-3-methylimidazolium tetrachloroferrate with ethyl acetate at temperatures (293.15 to 323.15) K**

**Xiaohua Li<sup>1</sup>, Qing Zhou\*<sup>1,2</sup>, Xingmei Lu<sup>1,2</sup>, Suojiang Zhang\*<sup>1,2</sup>**

<sup>1</sup> Beijing Key Laboratory of Ionic Liquids Clean Process, Key Laboratory of Green Process and Engineering, Institute of Process Engineering, Chinese Academy of Sciences, Beijing 100190, China

<sup>2</sup> College of Chemistry and Chemical Engineering, University of Chinese Academy of Sciences, Beijing 100049, China

Corresponding author. Tel.: +86 10 82627080. Fax: +86 10 82627080.

E-mail: sjzhang@home.ipe.ac.cn, qzhou@home.ipe.ac.cn

Current address of Xiaohua Li: KU Leuven, Department of Chemistry, Celestijnenlaan 200F, bus 2404, B-3001 Heverlee (Belgium)

Download English Version:

<https://daneshyari.com/en/article/5407979>

Download Persian Version:

<https://daneshyari.com/article/5407979>

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