

# Accepted Manuscript

Carbon dioxide solubility in 1-butyl-3-methylimidazolium tetrafluoroborate and 1-butyl-3-methylimidazolium tetrachloroferrate over an extended range of temperature and pressure

Javid Safarov, Christopher Sperlich, Aygul Namazova, Abilgani Aliyev, Dirk Tuma, Astan Shahverdiyev, Egon Hassel

PII: S0378-3812(18)30119-5

DOI: [10.1016/j.fluid.2018.03.019](https://doi.org/10.1016/j.fluid.2018.03.019)

Reference: FLUID 11792

To appear in: *Fluid Phase Equilibria*

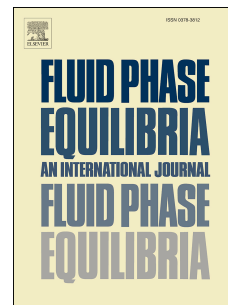
Received Date: 31 May 2017

Revised Date: 19 March 2018

Accepted Date: 21 March 2018

Please cite this article as: J. Safarov, C. Sperlich, A. Namazova, A. Aliyev, D. Tuma, A. Shahverdiyev, E. Hassel, Carbon dioxide solubility in 1-butyl-3-methylimidazolium tetrafluoroborate and 1-butyl-3-methylimidazolium tetrachloroferrate over an extended range of temperature and pressure, *Fluid Phase Equilibria* (2018), doi: 10.1016/j.fluid.2018.03.019.

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.



**Carbon dioxide solubility in 1-butyl-3-methylimidazolium tetrafluoroborate and  
1-butyl-3-methylimidazolium tetrachloroferrate over an extended range  
of temperature and pressure**

**Javid Safarov<sup>a,b,1</sup>, Christopher Sperlich<sup>a</sup>, Aygul Namazova<sup>b</sup>, Abilgani Aliyev<sup>b</sup>,  
Dirk Tuma<sup>d,2</sup>, Astan Shahverdiyev<sup>b</sup>, Egon Hassel<sup>a</sup>**

<sup>a</sup> Institute of Technical Thermodynamics, University of Rostock,  
Albert-Einstein-Str. 2, D-18059 Rostock, Germany.

<sup>b</sup> Department of Heat Energy, Azerbaijan Technical University,  
Huseyn Javid Avn. 25, AZ 1073 Baku, Azerbaijan.

<sup>c</sup> BAM Federal Institute for Materials Research and Testing, D-12200 Berlin, Germany.

---

<sup>1</sup> To whom correspondence should be addressed: Tel.: +49 381 4989415. Fax: +49 381 4989402. E-mail: [javid.safarov@uni-rostock.de](mailto:javid.safarov@uni-rostock.de)

<sup>2</sup> To whom correspondence should be addressed: Tel.: +49 30 8104 3434. Fax: +49 30 8104 3207. E-mail: [dirk.tuma@bam.de](mailto:dirk.tuma@bam.de)

Download English Version:

<https://daneshyari.com/en/article/6619182>

Download Persian Version:

<https://daneshyari.com/article/6619182>

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