## Accepted Manuscript

Solvatochromic parameters of deep eutectic solvents formed by ammonium-based salts and carboxylic acids

Ana Rita R. Teles, Emanuel V. Capela, Rafael S. Carmo, João A.P. Coutinho, Armando J.D. Silvestre, Mara G. Freire

PII: S0378-3812(17)30176-0

DOI: 10.1016/j.fluid.2017.04.020

Reference: FLUID 11469

To appear in: Fluid Phase Equilibria

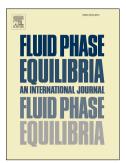
Received Date: 19 February 2017

Revised Date: 6 April 2017

Accepted Date: 28 April 2017

Please cite this article as: A.R.R. Teles, E.V. Capela, R.S. Carmo, Joã.A.P. Coutinho, A.J.D. Silvestre, M.G. Freire, Solvatochromic parameters of deep eutectic solvents formed by ammonium-based salts and carboxylic acids, *Fluid Phase Equilibria* (2017), doi: 10.1016/j.fluid.2017.04.020.

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.



## Solvatochromic parameters of deep eutectic solvents formed by ammonium-based salts and carboxylic acids

Ana Rita R. Teles<sup>1</sup>, Emanuel V. Capela<sup>1</sup>, Rafael S. Carmo<sup>1</sup>, João A. P. Coutinho<sup>1</sup>, Armando J. D. Silvestre<sup>1</sup> and Mara G. Freire<sup>1</sup>\*

<sup>1</sup>CICECO – Aveiro Institute of Materials, Department of Chemistry, University of Aveiro, 3810-193 Aveiro, Portugal

\*Corresponding author: Phone: +351 234370200; Fax: +351 234370084; E-mail: maragfreire@ua.pt.

Download English Version:

## https://daneshyari.com/en/article/4767942

Download Persian Version:

https://daneshyari.com/article/4767942

Daneshyari.com