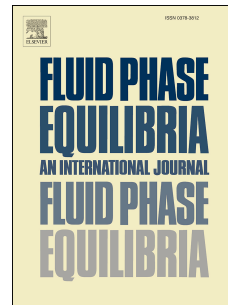


# Accepted Manuscript

Liquid-liquid equilibrium of systems containing triolein + (fatty acid/ partial acylglycerols/ester) + ethanol: Experimental data and UNIFAC modeling

Marcela Cravo Ferreira, Larissa C.B.A. Bessa, Charles R.A. Abreu, Antonio J.A. Meirelles, Eduardo Augusto Caldas Batista



PII: S0378-3812(18)30301-7

DOI: [10.1016/j.fluid.2018.07.030](https://doi.org/10.1016/j.fluid.2018.07.030)

Reference: FLUID 11907

To appear in: *Fluid Phase Equilibria*

Received Date: 11 May 2018

Revised Date: 6 July 2018

Accepted Date: 27 July 2018

Please cite this article as: M.C. Ferreira, L.C.B.A. Bessa, C.R.A. Abreu, A.J.A. Meirelles, E.A. Caldas Batista, Liquid-liquid equilibrium of systems containing triolein + (fatty acid/ partial acylglycerols/ester) + ethanol: Experimental data and UNIFAC modeling, *Fluid Phase Equilibria* (2018), doi: 10.1016/j.fluid.2018.07.030.

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-liquid equilibrium of systems containing triolein + (fatty acid/ partial acylglycerols/ester) + ethanol: experimental data and UNIFAC modeling**

Marcela Cravo Ferreira<sup>a</sup>, Larissa C. B. A. Bessa<sup>a</sup>, Charles R. A. Abreu<sup>b</sup>, Antonio J. A. Meirelles<sup>a</sup>, Eduardo Augusto Caldas Batista<sup>\*a</sup>.

<sup>a</sup>EXTRA-E, Department of Food Engineering (DEA), Faculty of Food Engineering (FEA), University of Campinas (UNICAMP), Zip Code 13083-970, Campinas, SP, Brazil.

\*Corresponding author: Phone: +55 (19) 3521 4028, Fax: +55 (19) 3521 4027. E-mail: eacbat@fea.unicamp.br

<sup>b</sup>School of Chemistry, Federal University of Rio de Janeiro (UFRJ), 21941-909, Rio de Janeiro, RJ, Brazil

Download English Version:

<https://daneshyari.com/en/article/10150490>

Download Persian Version:

<https://daneshyari.com/article/10150490>

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