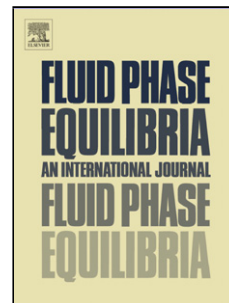


Accepted Manuscript

Title: Effects of association with impurities in ammonia purification

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PII: S0378-3812(15)30049-2
DOI: <http://dx.doi.org/doi:10.1016/j.fluid.2015.07.034>
Reference: FLUID 10686

To appear in: *Fluid Phase Equilibria*

Received date: 24-1-2015
Revised date: 13-7-2015
Accepted date: 16-7-2015

Please cite this article as: A.N. Petukhov, D.N. Shablykin, A.V. Vorotyntsev, I.V. Vorotyntsev, V.M. Vorotyntsev, Effects of association with impurities in ammonia purification, *Fluid Phase Equilibria* (2015), <http://dx.doi.org/10.1016/j.fluid.2015.07.034>

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1 **Effects of association with impurities in ammonia**
2 **purification**

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9 **Running head:** Intermolecular interactions in ammonia purification

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15

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Highlights

- 17 • Activity coefficients of impurities with ammonia indicate intermolecular association.
18 • The association affects purification by distillation.

19

20 **Abstract**

21 Binary systems of ammonia with impurities have been studied experimentally to obtain
22 activity coefficients at 293.15 K for liquid impurity concentrations from 0.6 to 1613 ppm.

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