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# Fluid Phase Equilibria

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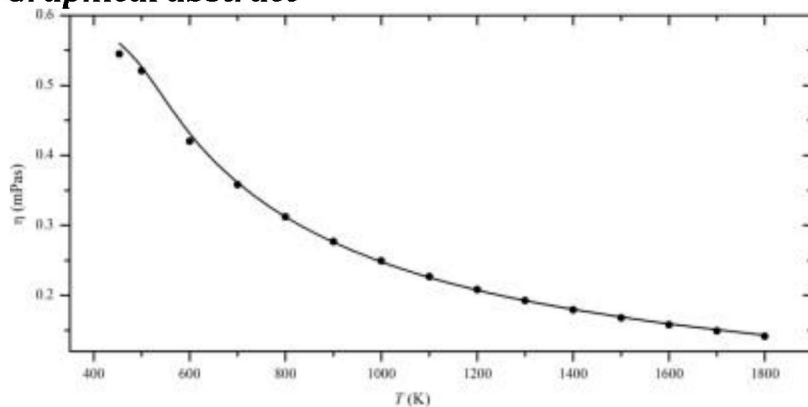
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## ***Phase equilibrium for the binary mixture of {1,1-difluoroethane (R152a) + trans-1,3,3,3-tetrafluoropropene (R1234ze (E))} at various temperatures from 258.150 to 288.150 K***

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Zhi Yang, Maoqiong Gong, Hao Guo, Xueqiang Dong, Jianfeng Wu

## ***Thermodynamic properties of melamine (2,4,6-triamino-1,3,5-triazine) in aqueous solution. Effect of ionic medium, ionic strength and temperature on the solubility and acid-base properties***

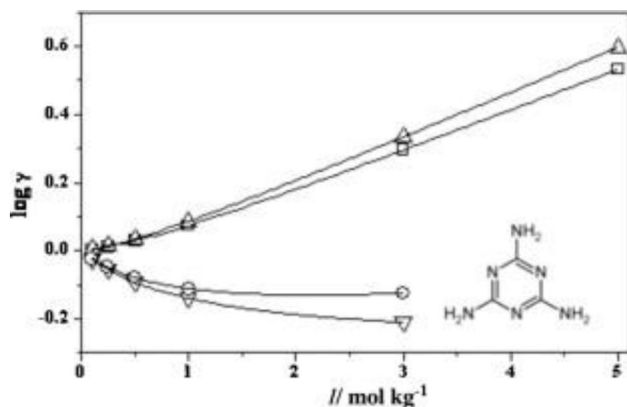
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### ***Graphical abstract***

Activity coefficients ( $\log \gamma$ ) of melamine in NaCl at 310.15 ( $\Delta$ ) and 298.15 K ( $\square$ ) and in  $(\text{CH}_3)_4\text{NCl}$  at 310.15 ( $\circ$ ) and 298.15 K ( $\nabla$ ).



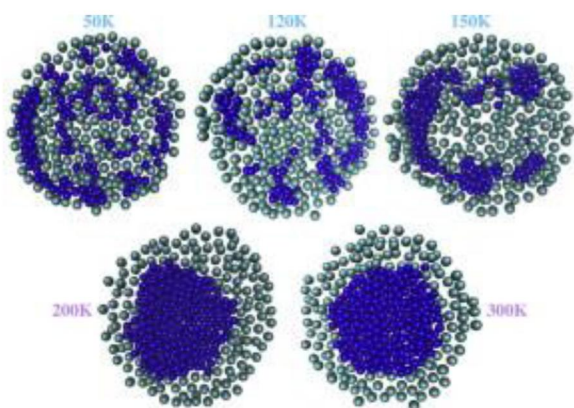
## ***Structures, thermal stability, and melting behaviors of bimetallic Cs-Na clusters studied via molecular dynamics simulation***

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## ***A physicochemical study of SDS in aqueous solution of Furosemide: Effect of DMSO on surfactant-Furosemide interaction***

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## ***Solubility of spironolactone in supercritical carbon dioxide: Experimental and modeling approaches***

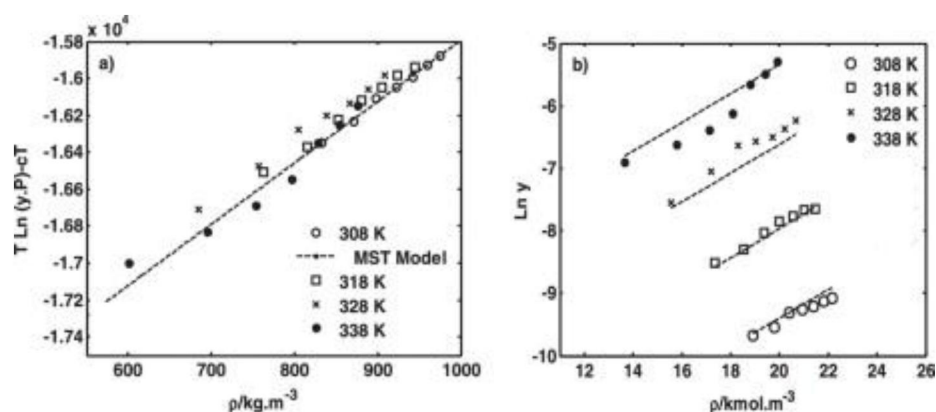
Original Research Article

Pages 130-134

Ali Zeinolabedini Hezave, Sheida Shahnazar, Hamid Rajaei, Mostafa Lashkarbolooki, Feridun Esmaeilzadeh

### ***Graphical abstract***

The correlated solubility data of spironolactone using different correlations, (a) self consistency tests using MST model and (b) K–J model.



Corrigendum

## ***Corrigendum to “Effect of temperature on the solubility of 3-aminopyridine in binary ethanol + toluene solvent mixtures” [Fluid Phase***

***Equilibria 316 (2012) 132- 134]***

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***Corrigendum to “A self-consistent Gibbs excess mixing rule for cubic equations of state” [Fluid Phase Equilib. 334 (2012) 76-88]***

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