

Interactive comment on “Amine reactivity with charged sulfuric acid clusters” by B. R. Bzdek et al.

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I just wanna to draw attention of the authors on our recent thermodynamic work on amines Ge, et al., Atmos.Environ.,2011,45,524-546 Ge, et al., Atmos.Environ.,2011,45,561-577. The part I is a summary of current knowledge of atmospheric amines including its role in nucleation evebts, part II discussed their gas/particle partitioning, but based on equilibrium thermodynamics. Since solubility data for aminium sulfate is not available, we are not able to predict the sulfate formation in view of thermodynamic equilibrium, otherwise it may bring some insights for the amine-H₂SO₄ nucleation reactions.

BUT i am not sure whether these works are valuable to this manuscript.

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Thanks

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 14637, 2011.

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