

Gas–Liquid Equilibrium Data for the Mixture Gas of Sulfur Dioxide/Nitrogen with Ethylene Glycol at Temperatures from (298.15 to 313.15) K under Low Pressures. Jianbin Zhang, Pengyan Zhang, Guohua Chen, Fang Han, and Xionghui Wei,* *J. Chem. Eng. Data* **2008**, 53, 1479–1485.

Tables 3 to 22 had more significant digits than justified by the uncertainties in the measurements. The revised tables are given in the Supporting Information.

Supporting Information Available:

This material is available free of charge via the Internet at <http://pubs.acs.org>.

JE900941T

10.1021/je900941t

Published on Web 11/25/2009

Gas–Liquid Equilibrium Data for a Mixture Gas of Sulfur Dioxide + Nitrogen with Ethylene Glycol Aqueous Solutions at 298.15 K and 123.15 kPa. Jianbin Zhang, Pengyan Zhang, Fang Han, Guohua Chen, Ronghua Deng, and Xionghui Wei,* – *J. Chem. Eng. Data* **2008**, 53, 2372–2374.

Page 2373. The Φ_3 used in Table 1 is the volume fraction of SO_2 in the gas phase and is defined as

$$\Phi_3 \approx \frac{V_{\text{SO}_2}}{V_{\text{SO}_2} + V_{\text{H}_2\text{O}} + V_{\text{N}_2} + V_{\text{EG}}} = \frac{V_{\text{SO}_2}}{V_{\text{total}}}$$

where V_{SO_2} and V_{total} denote, respectively, the partial volume of SO_2 in the gas phase and the total volume of the system. In Table 1, the heading “ $10^{-6} \Phi_3$ ” should be “ $10^6 \cdot \Phi_3$ ”.

JE9009688

10.1021/je9009688

Published on Web 11/23/2009