Supporting Information

Liquid-Liquid Equilibria for the Ternary and Quaternary Systems of Water + Trimethylolpropane + (2-Ethylhexan-1-ol / Octan-1-ol) + Formaldehyde at 298.15 K

Sunjae Lee, Jaehoon Choi, Kwang Ho Song*

Dept. of Chemical & Biological Engineering, Korea University, Seoul 02841, Korea

*Corresponding Author

Tel: +82-2-3290-3307 FAX: +82-2-926-6102 (K.H. Song)

E-mail: khsong@korea.ac.kr (K.H. Song)

Table S1. The coefficient of determination (R^2) of Bachman and Hand equation parameters for the experimental data

System	Othmer-Tobias	Bachman	Hand
Water + TMP + octan-1-ol	0.969	0.996	0.998
Water + TMP + 2-ethylhexanol	0.982	0.999	0.999
Water + formaldehyde + TMP + 2-ethylhexanol $(w_4)_{initial} = 0.05$	0.954	0.999	0.996
Water + formaldehyde + TMP + 2-ethylhexanol $(w_4)_{initial} = 0.10$	0.932	0.998	0.999
Water + formaldehyde + TMP + 2-ethylhexanol $(w_4)_{initial} = 0.15$	0.930	0.994	0.996

$(w_4)_{initial}$: Initial mass fraction of formaldehyde in the quaternary mixture