Supplementary Information

Emergence of surfactant-free Micelles from Ternary Solutions

S. Schöttl[1], J. Marcus[1], O. Diat[2], D. Touraud[1], W. Kunz[1], T. Zemb[2,*], D. Horinek[1,*]

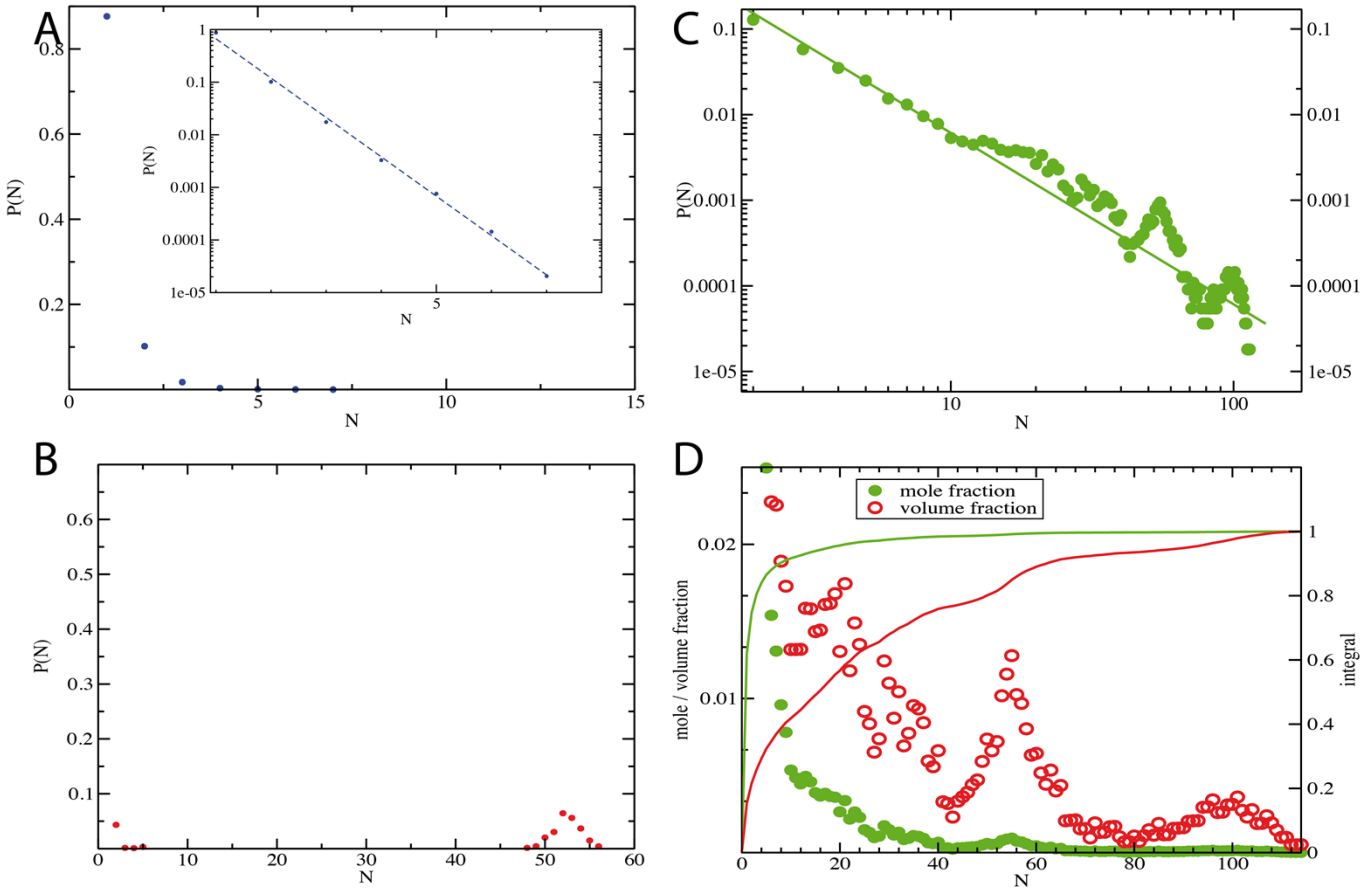

Figure S1: Histogram of aggregate sizes as they are determined by the number of octanol molecules in an aggregate. An alternative cutoff radius of 0.48 nm is used during the aggregate determination. Compare to Figure 2 in the manuscript, where a cutoff radius of 0.78 nm is applied.

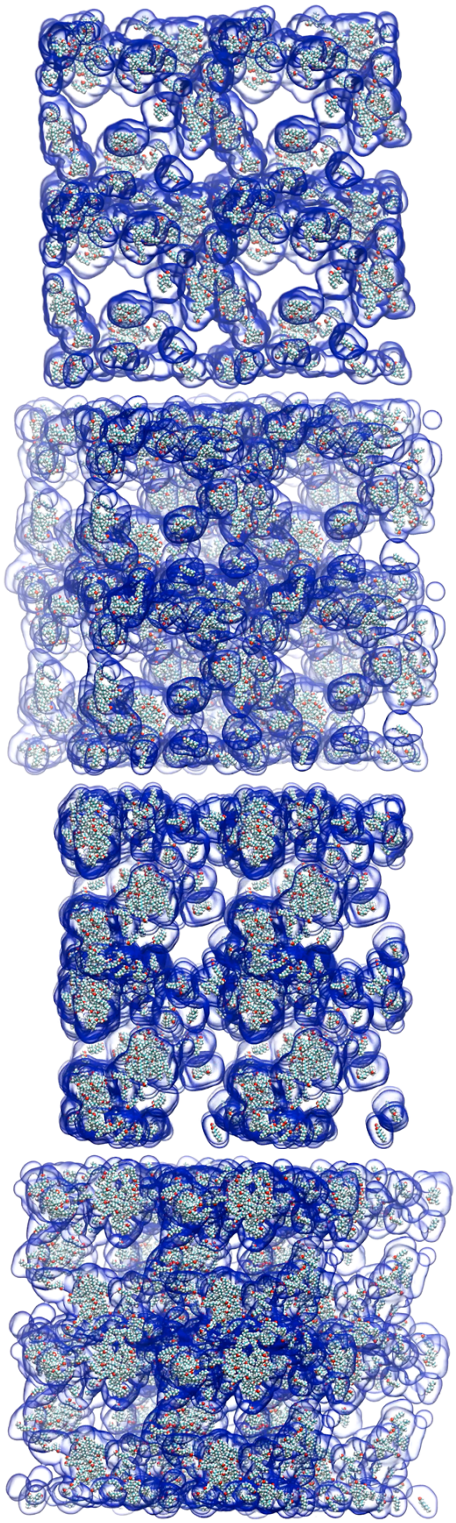

Figure S2: Snapshot of the large x_E = 0.2 simulation. Shown is a 2 x 2 x2 superbox of the simulation system. Looking at the octanol molecules alone (shown in VDW representation), the clusters are clearly isolated. When the bound ethanol molecules are taking into account (visualized with an additional 'skin' to account for the cutoff criterion as transparent blue surface), the cluster are still finite, but the system is close to forming a bicontinuous structure). The frames are rotated by consecutive 45 degree steps.