

SUPPLEMENTARY INFORMATION

Hydrolysis of *p*-nitrophenyl perfluorooctanoate in mixed surfactant systems

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Table S1: CMC values of the mixed surfactant systems at different compositions

α_{PFNA}	Brij-35/PFNA ^a		SDS/PFNA ^b
	CMC ₁ , mM ^c	CMC ₂ , mM ^d	CMC, mM ^e
0.00	0.09		8.25
0.10	0.09	0.59	9.62
0.20	0.11	0.57	8.26
0.30	0.10	0.63	8.63
0.40	0.13	0.78	6.06
0.50	0.16	0.74	5.53
0.60	0.17	0.81	5.06
0.70	0.24	1.00	4.03
0.80			3.65
0.90	0.61	1.16	3.10
1.00		2.11 ^d	

^a From Torres, M. F.; Sales, P. S.; De Rossi, R. H.; Fernández, M. A. *Langmuir* 2010, **26**, 17858–17866.

^b From Torres, M. F.; De Rossi, R. H.; Fernández, M. A. *J. Surfactants Deterg.* 2013, **16**, 903-912 .

^c Values determined by fluorescence using pyrene as molecular probe.

^d Values determined by UV-visible spectroscopy using *N*-(4-nitrophenyl) perfluorononamide as molecular probe.

^e Values determined by conductivity.

Table S2: Surfactant dependence of (I_1/I_3) values of pyrene fluorescence^a

α_{PFNA}	Brij-35/PFNA ^b	SDS/PFNA ^c
0.00	1.08	0.83
0.10	1.08	0.82
0.20	1.08	0.80
0.30	1.27	0.82
0.40	1.25	0.88
0.50	1.26	1.00
0.60	1.26	1.01
0.70	1.28	1.00
0.90	1.31	-----
1.00	0.97	0.97

^a [Pyrene]= 1×10^{-6} M

^b [S]_{total} higher than the corresponding CMC₂.

^c [S]_{total} higher than the corresponding CMC.