Contents

Preface Contributors

1.	Miscibility in Binary Mixtures of Surfactants Makoto Aratono and Takanori Takiue	1
2.	Micro-Phase Separation in Two-Dimensional Arnphiphile Systems <i>Teiji Kato and Ken-Ichi Iimura</i>	59
3.	The Differential Conductivity Technique and Its Application to Mixed Surfactant Solutions for Determining Ionic Constants <i>Masahiro Manabe</i>	93
4.	Diffusion Processes in Mixed Surfactant Systems Toshihiro Tominaga	135

Contents

5.	Mixed Micellar Aggregates of Nonionic Surfactants with Short Hydrophobic Tails Vincenzo Vitagliano, Gerardino D'Errico, Ornella Ortona, and Luigi Paduano	165
6.	The Effect of Mixed Counterions on the Micelle Structure of Perfluorinated Anionic Surfactants Dobrin Petrov Bossev, Mutsuo Matsumoto, and Masaru Nakahara	205
7.	Delayed Degradation of Drugs by Mixed Micellization with Biosurfactants Shoko Yokoyama	229
8.	A Thermodynamic Study on Competitive or Selective Solubilization of 1:1 Mixed Solubilizate Systems: Solubilization of Different Sterols Mixtures by Bile Salt Micelles in Water Shigemi Nagadome and Gohsuke Sugihara	257
9.	Phase Behavior and Microstructure in Aqueous Mixtures of Cationic and Anionic Surfactants Eric W. Kaler, Kathi L. Herrington, Daniel J. Iampietro, Bret A. Coldren, Hee-Tae Jung, and Joseph A. Zasadzinski	289
10.	Phase Behavior and Microstructure of Liquid Crystals in Mixed Surfactant Systems Carlos Rodriguez and Hironobu Kunieda	339
11.	Sponge Structures of Amphiphiles in Solution Kazuhiro Fukada and Kazuo Tajima	375
12.	Surfactant Gels from Small Unilamellar Vesicles <i>M. Miiller and H. Hoffmann</i>	403