



Colloidal Dispersions: Suspensions, Emulsions and Foams (Hardback)

By Ian Douglas Morrison, Sydney Ross

John Wiley and Sons Ltd, United States, 2002. Hardback. Condition: New. 1. Auflage. Language: English . Brand New Book. From the basics to the most recent developments A concise review of suspensions, emulsions, and foams Updating and expanding their highly popular Colloidal Systems and Interfaces, Ian Morrison and Sydney Ross now provide authoritative coverage of the concepts and techniques applicable to suspensions, emulsions, and foams. Concisely yet thoroughly encompassing the significant developments of the past fourteen years, Colloidal Dispersions: Suspensions, Emulsions, and Foams describes a wide range of topics, including particles in liquids, interactions at interfaces, surfactants, and the technology of emulsions and foams. Industrial chemists and chemical engineers will discover among the book s insights recently developed computer-based methods that offer fast, precise measurements of particle concentration, size, and charge by acoustics, application of acid-base concepts to adsorption, the role of electric charges in nonpolar media, and the fundamentals of nanotechnology. This new edition includes: Updated material and major advances in the field, including the development of new equipment In-depth instruction on methods for producing emulsions and suspensions Extensive industrial and practical applications of general principles Expanded sections on particle sizing, nonpolar dispersions, and polymer stabilization.

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