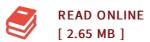




Association of Anionic Surfactant with Ethyl(hydroxyethyl) Cellulose

By Alexandre Gonçalves Dal-Bo

LAP Lambert Academic Publishing Okt 2013, 2013. Taschenbuch. Book Condition: Neu. 220x150x5 mm. Neuware -This book reports the interactions between the non-ionic polymer of ethyl(hydroxyethyl)cellulose (EHEC) and mixed anionic surfactant sodium dodecanoate (SDoD)-sodium, decanoate (SDeC) and sodium dodecyl sulfate (SDS) in aqueous media, at pH 9.2 (20 mM borate/NaOH buffer) were investigated by surface tension, electric conductivity and light transmittance measurements at 25 °C. Some aspects of ethyl(hydroxyethyl)cellulose (EHEC) aqueous behavior in the presence of ionic surfactants are described in the literature; however, most of the studies reported deal with moderately concentrated solutions. Few studies have been carried out in the dilute regime using mixtures of anionic surfactants. The main proposal of this work is to investigate the interaction of EHEC in diluted regime and to verify the mixtures of the surfactants SDS, SDoD and SDeC. Through the results was not observed a specific link of polymer with the surfactant, implying therefore a phenomenon only cooperative association. 76 pp. Englisch.



Reviews

It is an awesome publication which i actually have ever read through. it had been writtern really properly and valuable. I found out this book from my i and dad recommended this pdf to discover.

-- Doyle Schmeler

This book is definitely not simple to begin on studying but quite fun to see. I actually have read and that i am sure that i will gonna read through yet again once again in the foreseeable future. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Brennan Koelpin