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## Emulsions

By F. Horst Müller

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 Microemulsions in the water-potassium oleate-benzene system.- Mechanism of temperature induced phase inversion in O/W emulsions stabilised by O/W and W/O emulsifier blends.- The properties of O/W emulsions stabilised with a non-ionic surfactant and surfactant-polymer mixtures.- Role of mixed emulsifiers in emulsion stability.- Studies on interaction of cationic surfactants with cholesterol coated oil droplets dispersed in water.- The role of non-ionic surfactants in emulsion stability.- Role of finely dispersed solids (hydroxides of polyvalent metals) as emulsifiers.- Emulsifying behaviour of aluminium resinate.- Effect of some cationic surfactants on an oil/water emulsion stabilized by dodecyl benzene sulphonate.- Flocculation of oil-in-water emulsions by detergents.- Electrolyte flocculation of oil-in-water emulsions stabilized by anionic detergents.- Ultracentrifugal stability of oil-in-oil emulsions.- Electrophoresis of emulsion droplets. Application of relaxation correction and liquid drop electrophoresis equations.- The influence of dispersed phase volume and particle size distribution on the rheology of oil-in-oil emulsions.- Globule size distribution of oil-in-oil emulsions as a function of initial surfactant concentration and emulsification time.- The new method of hydrophobicity index calculation.- Partition coefficient, HLB and effective chain length of surface-active agents.- Correction to...


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