

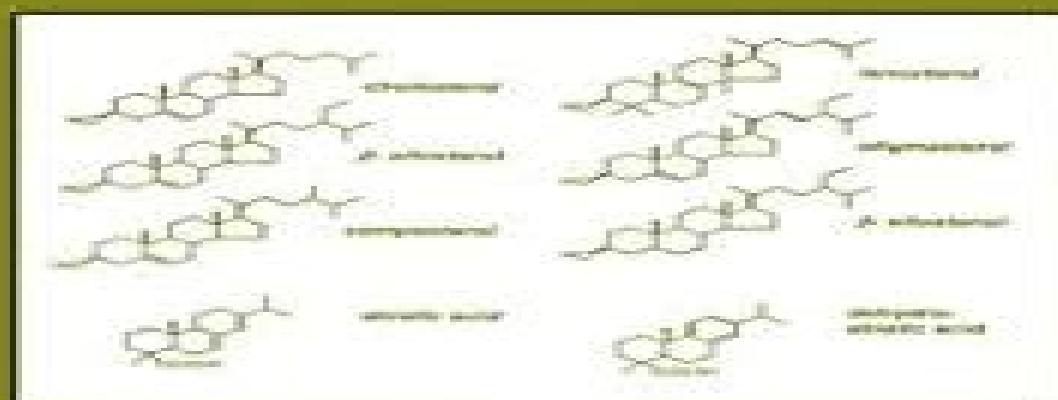
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NOVEL SURFACTANTS

**Preparation, Applications,
and Biodegradability**

Second Edition, Revised and Expanded



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Novel Surfactants Preparation Applications And Biodegradability

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surface and interface chemistry for application in materials science and nanotechnology This book is suitable for researchers and practitioners in the disciplines of materials science and engineering and surface and interface chemistry Includes numerous real world examples and case studies throughout Addresses emerging applications of interfacial materials chemistry in nanomaterials and nanotechnology Provides the foundational concepts of surface and interfacial science with models equation and methods Handbook of Detergents, Part B Uri Zoller,2004-08-30 The second installment of the multivolume Handbook of Detergents deals with the potential environmental impact of detergents as a result of their production formulation usage consumption and disposal This volume forms a comprehensive treatise on the multidimensional issues involved and emphasizes the alignment of scientific knowledge with the relevant contemporary data and methodologies in toxicology ecotoxicology and environmental risk assessment With contributions from over 50 experts worldwide this volume discusses industry procedures involving surfactant and detergent treatments and explores global concerns centering on recent legislative and regulatory developments Luminous Chemical Vapor Deposition and Interface Engineering Hirotsugu Yasuda,2004-11-30 Providing in depth coverage of the technologies and various approaches Luminous Chemical Vapor Deposition and Interface Engineering showcases the development and utilization of LCVD procedures in industrial scale applications It offers a wide range of examples case studies and recommendations for clear understanding of this innovative science **Colloidal Polymers** Abdelhamid Elaissari,2003-08-06 Amidst developments in nanotechnology and successes in catalytic emulsion polymerization of olefins polymerization in dispersed media is arousing an increasing interest from both practical and fundamental points of view This text describes ultramodern approaches to synthesis preparation characterization and functionalization of latexes nanoparticles and numerous additional colloidal polymer systems In chapters contributed by leading international researchers it communicates critical parameters for method selection presents guidelines for controlling structural and colloid properties presents recent results and information on polymer colloids and describes other tools to assist in the production of desirable outcomes

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