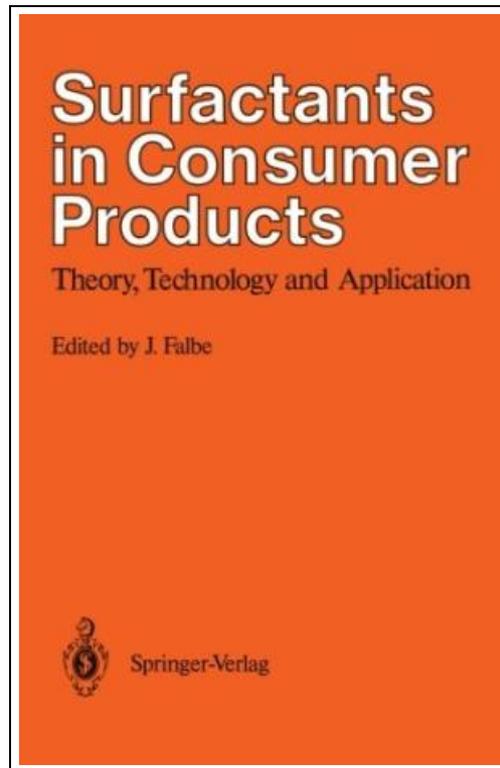


Surfactants in Consumer Products



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Reviews

A very wonderful pdf with perfect and lucid explanations. This can be for those who statte that there had not been a worth reading. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Mr. Stone Kunze)

SURFACTANTS IN CONSUMER PRODUCTS



Condition: New. Publisher/Verlag: Springer, Berlin | Theory, Technology and Application | In to days market, custom formulated surfactants are offered for a wide range of applications. The need for surfactants in detergents, cleaning agents, cosmetics & toiletries is second only to an expanding demand in industrial applications. But even within the non-industrial areas the demands have undergone significant changes in recent years. For example, washing and cleaning temperatures have substantially decreased with increased energy conservation attitudes, and more stringent regulatory requirements in the area of ecology and toxicology are leading to new product profiles. New manufacturing technologies and an increased utilization of natural raw materials also factor into this continuing evolution. These changes and trends have been described in numerous publications. However, a summary and survey of these developments is currently missing. The book presented here "Surfactants in Consumer Products" is intended to close this gap. The editor and authors dedicate this work to Dr. Dr. h.c. Konrad Henkel on the occasion of his 70th birthday. Dr. Henkel, himself a scientist and industrialist, contributed significantly to developments in the surfactant field. In the nineteen-fifties, he initiated the change from soap based detergents to synthetic detergents within Henkel. At the same time, dishwashing detergents utilizing various synthetic surfactants were also developed, and became the basis for modern manual and mechanical dishwashing. | 1 Historical Review.- 2 Structure and Application of Surfactants.- 2.1 Surfactant Structure and Classification.- 2.2 Application of Surfactants.- 2.2.1 Consumer Products.- Detergents.- Dishwashing agents.- Cleaning agents.- Personal products.- 2.2.2 Industrial Applications.- Food products.- Pharmaceutical industry.- Insecticides and herbicides.- Agriculture.- Textiles and fibres.- Chemical industry.- Plastics industry.- Paints and lacquers.- Cellulose and paper.- Leather and furs.- Photographic industry.- Metal processing.- Electroplating.- Adhesives.- Road construction and building materials.- Firefighting.- Mining and flotation.- Oilfield chemicals.- 2.3 Literature.- 3 Synthesis of Surfactants.-...



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