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Introduction. This book is about Sulph (on)ation Technology in its technical entirety, aiming at superiority in final product quality, raw material utilisation, sustained plant reliability and safety, minimisation of liquid effluent and gaseous emissions; it is about the total quality of the operation. It will be of value to engineers and chemists who are, or will be, involved in the practical daily operation of sulphonation plants or R&D activities.

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The book covers sulphonation of alkylbenzenes, primary alcohols, alcohol ethers, alpha-olefins and fatty acid methyl esters, with a strong emphasis on the sulphur-based S<sub>2</sub>O<sub>8</sub> air sulphonation technology. The first part deals with raw material specifications, hazards, storage, handling and physical properties.

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The book describes in detail all aspects of sulphonation technology. Starting from the raw material stage till the finished product all the aspects are covered, including a detailed comparison of different plants available world wide. The reaction chemistry as well as equipment design concepts are also covered in detail.

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various detergent products, and their presence on the market is still  
highly restricted. The typical cut of FAMES (C16-C18) shows  
interesting surface activity (about 90% compared to LABS), high  
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