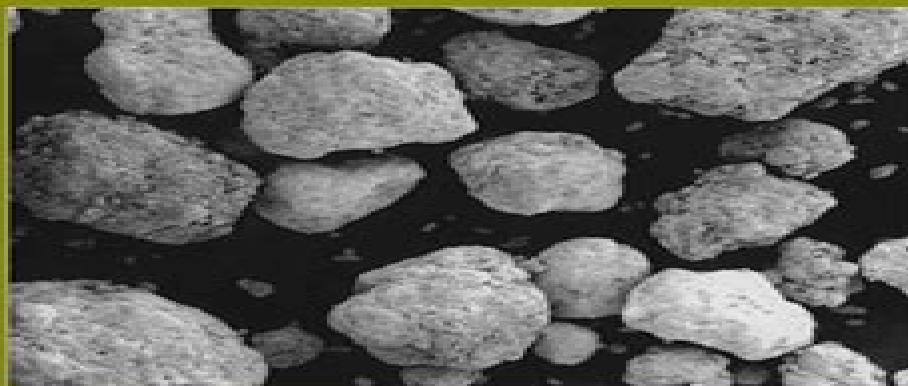


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HANDBOOK OF DETERGENTS



Part A: Properties

edited by
Guy Broze

Handbook Of Detergents Pt A Properties

Cristóbal Carnero Ruiz



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Handbook for cleaning/decontamination of surfaces Ingegard Johansson, P. Somasundaran, 2007-06-20 The focus of Handbook for Cleaning Decontamination of Surfaces lies on cleaning and decontamination of surfaces and solid matter hard as well as soft Bringing together in a 2 volume reference source current knowledge of the physico chemical fundamentals underlying the cleaning process the different needs for cleaning and how these needs are met by various types of cleaning processes and cleaning agents including novel approaches how to test that cleaning has taken place and to what extent the effects of cleaning on the environment future trends in cleaning and decontamination for example the idea of changing surfaces to hinder the absorbance of dirt and thus make cleaning easier A brief introduction is given to the legal demands concerning the environment and a historical background in terms of development of detergents from soaps to the modern sophisticated formulations Bactericides their use and the environmental demands on them are covered Thorough discussions of mechanisms for cleaning are given in several chapters both general basic concepts and special cases like particle cleaning and cleaning using microemulsion concepts General understanding of how cleaning works function of ingredients and formulations Overview of environmental issues and demands from the society in the area Gives basic formulas for cleaning preparations in most areas

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has attracted considerable interest in the research community Colloids in Biotechnology describes developments in the field of biotechnological applications in the past decade and bridges t

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Digital Transformation of Animal Health Data: Proceedings of the AHEAD 2017 Workshop Flavie Vial, András Székács, Sinead Quealy, 2018-08-30 The Organisation for Economic Co operation and Development OECD s Co operative Research Programme on Biological Resource Management for Sustainable Agricultural Systems sponsored the AHEAD 2017 workshop bringing together experts from the farming and pharmaceutical industries information and communications technology policy research and more to create a roadmap to the digital transformation of animal health surveillance In many countries policy supports the reduction of antibiotic use and a growing focus in the veterinary practice is to move away from blanket dosage of antibiotics for example for mastitis Significant and speedy improvements can take place but only with coordinated actions supported by the entire value chain Reducing the use of antibiotics is of massive societal importance but changing on farm or veterinary methods requires thought and a user centred approach The most glaring and addressable challenge is the absence of near real time data and information AHEAD 2017 explored how governments globally can benefit from increased digitisation in animal health For effective monitoring it is important to first understand the relevant tasks of each stakeholder in the food value chain In these proceedings we openly discuss and define these tasks identify existing challenges to completion of these tasks and suggest the business opportunities overcoming these challenges can create Through this publication it is our intention to encourage open discussion design and co creation of an improved digital approach to animal health and drug usage in agriculture The Workshop was sponsored by the OECD Co operative Research Programme on Biological Resource Management for Sustainable Agricultural Systems whose financial support made it possible for most of the invited speakers to participate in the Workshop The opinions expressed and arguments employed in this publication are the sole responsibility of the authors and do not necessarily reflect those of the OECD or of the governments of its Member countries

Sugar-Based Surfactants Cristóbal Carnero Ruiz, 2008-12-09 Touted as the new darling of the chemical industry alkyl polyglycosides are gaining in popularity due to the fact that they are readily biodegradable low toxic and made from renewable resources Sugar Based Surfactants compiles the most recent and relevant aspects of sugar based surfactants including self association phase behavior and interfacial properties Focusing on both colloidal and interfacial science the book deals with the adsorption of surfactants in both the air liquid and solid liquid interfaces It also covers new advances in surfactant science such as the development of a family of potent surface active agents that are non toxic and thus usable in ubiquitous consumer products

Handbook of Green Chemicals Michael

Ash, 2004 More than 7000 trade name products and more than 2500 generic chemicals that can be used in formulations to meet environmental concerns and government regulations This reference is designed to serve as an essential tool in the strategic decision making process of chemical selection when focusing on human and environmental safety factors Industries Covered Adhesives Refrigerants Water Treatment Plastics Rubber Surfactants Paints Coatings Food Pharmaceuticals Cosmetics Petroleum Processing Metal Treatment Textiles The chemicals and materials included are used in every aspect of the chemical industry The reference is organized so that the reader can access the information based on the trade name chemical components functions and application areas green attributes manufacturer CAS number and EINECS ELINCS number It contains a unique cross reference that groups the trade name chemicals by one or more of these green chemical attributes Biodegradable Environmentally Safe Environmentally Friendly Halogen Free HAP s Free Low Global Warming Low Ozone Depleting Non ozone Depleting Low Vapor Pressure Noncarcinogenic Non CFC Non HCFC Nonhazardous Nontoxic Recyclable SARA Nonreportable SNAP Significant New Alternative Policy Compliant VOC Compliant Low VOC VOC Free

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