

CONTENTS

PREFACE	ix
PART I PRODUCTS	1
1 Cosmetics	3
<i>Martin M. Rieger</i>	
2 Soap	49
<i>Shiping Zhu, John G. Chambers, and Vijay Naik</i>	
3 Hair Preparations	85
<i>Stanley Pohl, Joseph Varco, Paul Wallace, and Leszek J. Wolfram</i>	
4 Perfumes	123
<i>William L. Schreiber</i>	
5 Dentifrices	161
<i>Morton Pader</i>	
6 Natural Cosmetics	171
<i>Darrin C. Duber-Smith, Yi Hsin Chang, Amy B. Olson, Azalea P. Rosholt, Anne Marie Api, Matthias Vey, Annie M. Ugurlayan, Viny Srinivasan, Eric Antignac, Esperanza Troyano, Donna Mcmillan, Katherine Sarlo, Lijuan Li, Rohan Wimalasena, James Flanagan, Mark Garrison, Nava Dayan, Brian E. Kilfoyle, Jemma L. Terebetski, Bozena B. Michniak-Kohn, Sonali Bose, Rajarajeswari Sivalenka, Mangathayaru Putrevu, Ina Schlenoff, Robin Choi, Stefan Gafner, Jacquelyn R. Villinski, Kan He, Marc Roller, and Jennifer K. Saxe</i>	

CONTENTS

PART II INGREDIENTS	205
7 Aroma Chemicals	207
<i>Michael Zviely</i>	
8 Terpenoids	247
<i>Charles S. Sell</i>	
9 Essential Oils	375
<i>K. Hüsnü Can Başer and Fatih Demirci</i>	
10 Citrus Oils and Essences	409
<i>Fereidoon Shahidi and Ying Zhong</i>	
11 Lipids, Pharmaceutical and Cosmetic Use	427
<i>Ernesto Hernandez</i>	
12 Fatty Acids and Derivatives from Coconut Oil	445
<i>Gregorio C. Gervajio</i>	
13 Cosmeceutical Compounds from Marine Sources	483
<i>Thanh-Sang Vo, Dai-Hung Ngo, and Se-Kwon Kim</i>	
14 Colorants for Foods, Drugs, and Cosmetics	501
<i>Daniel Marmion</i>	
PART III FORMULATION TECHNOLOGY	549
15 Emulsions	551
<i>Edward Kostansek</i>	
16 Microemulsions	575
<i>John Klier</i>	
17 Hydrogels	597
<i>Wensheng Cai and Ram B. Gupta</i>	
18 Foams	631
<i>Arnaud Saint-James, Douglas J. Durian, and David A. Weitz</i>	
19 Aerosol Technology	661
<i>John J. Sciarra and Christopher J. Sciarra</i>	
20 Surfactants	681
<i>Tharwat Tadros</i>	

CONTENTS

PART IV REGULATORY	727
21 Packaging, Cosmetics, and Pharmaceuticals	729
<i>Jack L. Rosette, John Yablonski, Sharon Mancuso, and Gaurav Kale</i>	
22 Regulatory Agencies, Pharmaceuticals, Food, and Cosmetics	743
<i>Gary L. Yingling and Suzan Onel</i>	
INDEX	759