

# Volume 1

## PART 1 IN THE BEGINNING

### PART 1.1

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## MARKETING CONCEPTS TO EMPOWER TECHNICAL PEOPLE

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**CREATING THE RIGHT FRAGRANCE FOR YOUR  
PERSONAL CARE PRODUCT**

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### PART 3.2.4

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## COMPROMISED SKIN IN THE ELDERLY

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## PART 3.3.0

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## THE HAIR

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Editor: Manuel Gamez-Garcia  
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**PART 3.3.1**

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**AN OVERVIEW OF THE PHYSICAL AND CHEMICAL PROPERTIES OF HAIR AND THEIR RELATION TO COSMETIC NEEDS, PERFORMANCE AND PROPERTIES**

Manuel Gamez-Garcia  
Ashland Specialty Ingredients

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**AN OVERVIEW OF HAIR FOLLICLE  
ANATOMY AND BIOLOGY**

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FUNDAMENTALS, PROTECTION AND REPAIR**

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**RHEOLOGY MODIFIERS AND  
CONSUMER PERCEPTION**

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**SILICONES IN PERSONAL CARE PRODUCTS:  
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**MARINE INGREDIENTS FOR SKIN CARE: AN OCEAN OF RESOURCES**

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THEIR BENEFITS FOR ALL LAYERS OF THE SKIN**

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## PART 5 ANTI-AGING

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**PART 5.0**

# FUNDAMENTALS OF SKIN ANTI-AGING OVERVIEW

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**PART 5.1**

# THEORIES OF AGING SKIN ANTI-AGING: AT THE TIPPING POINT

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AGING PROCESS**

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# Volume 3

## PART 6 FORMULATING COSMETICS AND PERSONAL CARE PRODUCTS

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## SKIN CARE OVERVIEW

### PART 6.1

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## FORMULATING WISDOM CATEGORY BY CATEGORY

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### PART 6.2

---

## SKIN LIGHTENING, WHITENING, AND BRIGHTENING: AN OVERVIEW OF APPROACHES, KEY INGREDIENTS, AND FORMULATIONS FOR ENHANCING SKIN APPEARANCE AND CORRECTING/MINIMIZING COMMON SKIN PIGMENTATION DISORDERS

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Author Charles Warren

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**PART 6.15**

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**HAIR COLORANTS AND PROTECTION**

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Author Charles Warren

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**PART 6.18****ORAL CARE: FORMULATING PRODUCTS  
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### PART 7.1

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## SENSORY SIGNALS—THE APPLIED SCIENCE OF SENSORY PERCEPTION AND ITS VALUE

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### PART 8.1

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## DELIVERY SYSTEMS FOR COSMETICS AND PERSONAL CARE

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EFFECTS OF CLEANSING PRODUCTS**

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**PART 11.5**

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**CLINICAL TESTING OF COSMETICS AND SKIN CARE PRODUCTS: METHODS AND INSTRUMENTATIONS**

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### IN VITRO ASSAYS TO MEASURE EPIGENETIC MECHANISMS INVOLVED WITH CONTROLLING GENE EXPRESSION

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AND PERSONAL CARE INDUSTRY**

1990

Editor's Overview  
Alban Muller (President, Alban Muller Group)

**PART 12.1****DEFINING SUSTAINABILITY AND HOW IT  
CHANGES THE INNOVATION PROCESS**

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**PART 13 COSMETIC MANUFACTURING**

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**PART 13.0**

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**MANUFACTURE OF COSMETICS SECTION OVERVIEW**

Meyer R. Rosen

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**PART 13.1**

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**COSMETIC MANUFACTURING PROCESSES**

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**PART 13.2**

**COLD-PROCESS EMULSIFICATION PRODUCING  
SUB-MICRON DISPERSIONS:  
FORMULATION AND AESTHETIC ENHANCEMENT  
OF COSMETIC AND OTC PRODUCTS**

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### PART 13.3

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## INTELLIGENT SELECTION AND MANUFACTURE OF NATURAL EXTRACTS

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SUSTAINABLE PACKAGING:  
BALANCING MATERIALS, DESIGN, AND APPEARANCE**

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