Herbal cosmetics have been into usage from time immemorial. Recent days also cosmetics have been very popular especially among fashion conscious people. Despite the fact that modern make-up has been used mostly by women, steadily rising number of males are also using cosmetics usually associated to women to improve their own facial features. Thus they have broken the age old belief that cosmetics are used by female only and also have proved that male crowd is also conscious about their skin needs. Cosmetics include a whole array of products like lipsticks, shampoo, mascara, foundation, eye liner and so on. They are more popular with young crowds and thus have a huge demand. Herbal cosmetics have been of great value because of the least harm they cause to the skin and the radiance they add to the skin. These days a number of beauty products that are using the herbal formulae and Ayurveda concepts have got lot of attention and have been witnessing a huge rise in demand not only nationally but on international arena. The charm of understanding herbal product is even you can use it by making certain combination at your home and get the benefits. The cosmetic industry is in growing stage not only domestically but also globally. Herbal products are replacing the synthetics products because of its harsh nature. Herbal products are in huge demand in the developed world for health care for the reason that they are efficient, safe and have lesser side effects. The formulations based on herbs are safe and effective.

The manufacture of cosmetics is not a new phenomenon and has been in use from several decades ago. The book is on the modern technology used in cosmetic industry. The attempt made in this book is to advance the older methods and provide the latest formulae and techniques to manufacture to enhance their knowledge.

The content of the book include chapters on Hair Structure and Chemistry, Structure of Hair Keratin, Sunburn Preparations, Shampoos, Detergents Thickeners and foam Stabilisers, Perfumes, Preservatives, pacifiers and Pearlisers, Conditioning Agents, Colours and Colour Fading Other Additives, Conditioners, Cationic Surfactants, Cationic Polymers and Other Active Ingredients, Bodying Agents, etc. The chapters are dealt in great detail for the proper understanding and concept development. The clear understanding will serve beneficial purpose, that’s why the book is highly recommended for entrepreneurs, industrialists, research centres, technologist and libraries.

Contents

Introduction
Hair: Structure and Chemistry
Structure of Hair Keratin
Shampoos
Detergents
Thickeners and foam Stabilisers
Perfumes
Preservatives
Opacifiers and Pearlisers
Conditioning Agents
Colours and Colour Fading
Other Additives
Conditioners
Cationic Surfactants
Cationic Polymers and Other Active Ingredients
Bodying Agents
Auxiliary Emulsifiers
Oil Components
Thickeners
Perfumes
Preservatives
Colours
Manufacture
Clear Conditioners
Hair Thickeners
Leave-on-Conditioners
'Hot Oils', Tonics and Other Conditioners
Styling Aids
Hair Sprays
Setting Lotions
Other Styling Aids in Spray Form
Hair Gels
Styling Creams and Glazes
Hair Oils/Brillantines/Pomades/Styling Waxes
Hair Creams
Permanent Waving
Neutralisation
Bleaches
Hair Dyes
Temporary Dyes 66
Semi-Permanent Colourants
Permanent Hair Dyes
Other Hair Dyes
Dye Removers
Product Evaluation and Testing
Stability Testing
Claims Justification
Product Safety
Summary

Skin Care Products
Introduction
Anatomy and Physiology of the Skin
Epidermis
Dermis
Skin Color
Test Methods
Efficacy Testing
Formulation
Formula Information
Consumer Testing
Stability Testing
Microbiological Testing
Manufacturing Trials
Safety Testing
Regulatory and Environmental Requirements
Skin Cleansers
Anhydrous Oily Cleansers
Water-in-Oil Emulsions: Cold Creams
Oil-in-Water Emulsions: Cleansing Milks
Fatted Mild Syndet Foaming Bars and Cleaners
Super Fatted Bar Soaps
Astringents/Toners
Bar Soaps
Particulate Scrubs
Moisturizers
All-purpose Creams
Hand and Body Lotions
Hand and Body Creams
Facial Moisturizer Lotions
Facial Moisturizer Creams: Night Creams
Anti-Ageing Products
Sunscreen Products
Solar Radiation
Sunscreen Chemicals
Testing
Sunscreen Formulations
Acne
Sebaceous Gland
Acne Nomenclature
Acne Grades
Treatment
Liposomes

Colour Cosmetics
Introduction
Lip Color
Lipsticks
Lip Glosses
Lip Liners
Nail Polish
Consumer Expectations
Formulation
Manufacture
Face Make-up
Consumer Expectations
Face Powders
Liquid Foundations
Blushers
Eye Make-up
Eyeshadow
Mascara 151
Eyeliners
Preservation
Color Coating

Baby Care
Introduction
Specific Basic Requirements for Baby Products
Product Types and Their Presentation
Baby Powders
Lotions and Creams
Soaps
Hair Products
Bath Products
Moussed Products
Wipes and Tissues
Oils
Perfumes and Colognes
Raw Materials for Baby Products
Developmental Pathways
Formulation Development
Practical Requirements
Product Evaluation
Laboratory Evaluation
Mother and Baby Panels
Consumer Research
Product Safety Requirement
Product Preservation
Product Stability
Manufacture and Quality Control
Manufacture
Quality Control

Afro Products
Introduction
Hair Structures 180
Skin Characteristics
Hair Products
Relaxing and Restyling Products
Hair Pomades and Grooming Aids
Skin Products
Raw Material Selection-
Factors for Consideration
Emulsification Systems
General Practical Considerations

Dental Products
Introduction
The Human Dentition and its Environment
Teeth and Associated Oral Structures
Saliva and Crevicular Fluid
Oral Accretions and Conditions
Dental Pellicle
Dental Plaque
Dental Calculus (tartar)
Periodontal Diseases
Dental Stain
Dental Hypersensitivity
Oral Malodor
Oral-Care Products
Product Categories
Toothpaste
Tooth Powder
The Toothbrush
Oral Rinses
Mechanical Devices
Consumer Practices
Oral-care Product Marketing
Targeting Consumer Groups
Regulation of the Industry
Product Evaluation; Support of Marketing Claims
Principles of Product Formulation
The Toothbrush and Other Mechanical Aids
Toothpaste Formulation Practice
Basic Dentifrice Ingredients
Type I versus Type II Toothpastes
Dentifrice Manufacture
Dentifrice Packaging
Oral Rinses
Function
Dosage Forms and Formulations
Pre-brushing Dental Rinse
Manufacture and Packaging
Active Agents
Anti-Caries Agents
Reduction in Tooth Hypersensitivity
Reduction of Plaque and Calculus
and Improvements in Gingival Health
Speciality Products
Tooth Whiteners
Products for the Edentulous
Bath Preparations
Bath Salts
Bath Powders
Bath Cubes
Bubble Baths
Water Softeners 273
Surface-active Agents
Miscellaneous Bath Products

Dental Preparations
Toothpastes
Cleansing and Polishing Materials
Detergent and Foaming Materials
Humectants
Binding Agents
Sweetening and Flavouring Materials
Aerosol Toothpastes
Tooth Powders
Liquid Denitrifices and Mouthwashes

Hair Preparations
Permanent Hair Waving
Cold Waving Preparations
Special Additives
Practical Application
Shampoos
Shampoo Additives
Evaluation of Shampoos
Shampoo Formulations
Shampoo Powders
Dry Shampoos
Liquid Dry Shampoos
Clear Liquid Shampoos
Hair Conditioners
Preparations for Wet Hair
Dressing-type Conditioners
Aerosol Conditioners
Setting Lotions
Aerosol Setting Lotions
Hair lacquers or sprays

Hair Colourants
Hair Lighteners or Bleaches
Bleaching Pastes
Bleach Powders
Temporary Colourants
Colour Shampoos
Semi-Permanent Colourants
Permanent Colourants
Vegetable Dyes
Metallic Hair Colourants
Oxidation Hair Colourants
Aerosol Preparations

Lipsticks
Composition
Waxes and Oils
Acetoglycerides
Bromo Mixture
Insoluble Dyestuffs and Lake Colours
Lipstick Formulae
Other Lip Products

Rouges and Eye Cosmetics
Liquid Rouges
Powder Rouges
Rouge Creams
Eye Make-up
Eyebrow Pencils
Eyeshadow
Powder Eyeshadows
Eyeliners
Mascara 433
Eye Make-up Removers and Eye Lotions

The Skin Preparations for the Face and Hands
Structure of the Skin
Emulsion Systems
Emulsifying Materials
Formulation
Liquefying Cleansing Creams
Cold Cream
Cleansing Creams
Cleansing Lotions
Foundation Creams
Formulae
Highlight Sticks and Creams
Moisturizing Creams
Skin Foods
Vitamin Creams 488
All Purpose Creams
Aerosol Creams 492
Skin Tonics
Bleaching Applications
Face Masks
Barrier Creams
Hand Preparations
Hand and Body Lotions
Skin and Body Perfumes

Sunburn Preparations
Sunburn Preventives
Insect Repellents
Artificial Suntans
Sunburn Correctives
Aerosol Preparations

Toilet Powders
Raw Materials
Covering Power
Adhesiveness
Peach-life Finish
Face Powder Bases
Colours
Perfume
Compact Powders
Cake Make-up
Compressed Powders
Talcum Powder
Deodorant Powders
Baby Powders
Beauty Preparations

Mascara-Eyebrow Pencils-Eye Shadows
Shaving Creams
Mouthwashes
Facial Masks

Suppliers of Plants and Machineries

Suppliers of Raw Materials

About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.


NPCS also publishes varies process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.