

# Modern Technology Of Cosmetics

**Author:** NIIR Board

**Format:** Paperback

**ISBN:** 8178330814

**Code:** NI37

**Pages:** 659

**Price:** Rs. 1,100.00    **US\$** 29.73

**Publisher:** Asia Pacific Business Press Inc.

Usually ships within **5** days

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  
Bodifying 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 Eyeshadow  
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.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes various 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.

---

**NIIR PROJECT CONSULTANCY SERVICES** , 106-E, Kamla Nagar, New Delhi-110007, India. **Email:** [npcs.india@gmail.com](mailto:npcs.india@gmail.com) **Website:** [NIIR.org](http://NIIR.org)

Sat, 09 Mar 2024 04:43:08 +0530