Modern Technology Of Cosmetics

Author:- NIIR Board **Format:** paperback

Code: NI37 Pages: 659

Price: Rs.1100US\$ 100

Publisher: NIIR PROJECT CONSULTANCY

SERVICES

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.

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 Eyeshawow

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 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.

NIIR PROJECT CONSULTANCY SERVICES, 106-E, Kamla Nagar, New Delhi-110007, India. Email: npcs.india@gmail.com Website: NIIR.org

Sat, 17 May 2025 07:19:10 +0000