## **Modern Technology Of Cosmetics**

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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

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** 

Mascara 151

**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

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** 

**Eyebrow Pencils** 

## **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.

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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: <a href="mailto:npcs.india@gmail.com">npcs.india@gmail.com</a> Website: <a href="mailto:NIIR.org">NIIR.org</a>

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