

# Surfactants, Disinfectants, Cleaners, Toiletries, Personal Care Products Manufacturing and Formulations (3rd Revised Edition)

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**Format:** Paperback

**ISBN:** 9788195075539

**Code:** NI303

**Pages:** 552

**Price:** Rs. 1,895.00 US\$ 51.00

**Publisher:** NIIR PROJECT CONSULTANCY SERVICES

Usually ships within 5 days

Surfactants, Disinfectants, Cleaners, Toiletries, Personal Care Products Manufacturing and Formulations (Phenyl, Naphthalene Ball, Mosquito Coil, Floor Cleaner, Glass Cleaner, Toilet Cleaner, Utensil Cleaning Bar, Liquid Detergent, Detergent Powder, Detergent Soap, Liquid Soap, Handwash, Hand Sanitizer, Herbal Shampoo, Henna Based Hair Dye, Herbal Cream, Shaving Cream, Air Freshener, Shoe Polish, Toothpaste) (3rd Revised Edition)

The term surfactant comes from the words surface active agent. A surfactant is briefly defined as a material that can greatly reduce the surface tension of water when used in very low concentrations. These are one of many different compounds that make up a detergent. They are added to remove dirt from skin, clothes and household articles particularly in kitchens and bathrooms. They are also used extensively in industry.

A disinfectant or agent that frees from infection is ordinarily a chemical agent which kills disease germs or other harmful microorganisms and is applied to inanimate objects. The specific way in which a disinfectant agent is used is dependent on both the desired objective and the infectious agent present.

Growing emphasis on health, safety and sanitation is fuelling demand for disinfectants & surfactants across industries such as food processing, healthcare and consumer. Personal care industry in India is very huge and is one of the main key drivers for Indian surfactants market. Surfactants industry has a large market for consumer products.

This handbook contains processes formulae of various products and providing information regarding manufacturing method. It covers raw material suppliers, photographs of plant & Machinery with supplier's contact details and some plant layout & process flow sheets. The Major Contents of the book are phenyl, floor cleaner, glass cleaner, toilet cleaner, mosquito coils, liquid detergent, detergent powder, detergent soap, naphthalene balls, air freshener, shoe polish, tooth paste, shaving cream, liquid soaps and handwashes, herbal shampoo, heena based hair dye, herbal creams, utensil cleaning bar, hand sanitizer etc.

It will be a standard reference book for professionals, entrepreneurs, those studying and researching in this important area and others interested in the field of surfactants, disinfectants, cleaners, toiletries, personal care products manufacturing.

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Metal Cleaning- Rust Removal  
Aluminum Cleaning - Acid  
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Aluminum Cleaner/ Polish, Soft Paste  
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Care Cream  
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All-Purpose Dry Skin Cream  
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Eye Cream with UV-filter and Evening Primrose Oil  
Nightcream with Wheat Germ Oil  
Anti-Ozone Cream (Preregen)



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Nutrition Cream  
Fat Cream  
Day Cream O/W  
Day Cream O/W (Soft Cream)  
Universal Day Cream O/W  
Cocoa Butter Skin Cream  
Emollient Vanishing Cream  
Athlete's Medicated Foot Cream  
Cold Cream  
Depilatory Cream  
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Aerosol Hair Spray Formulation Containing Water  
Aerosol Hairspray, Hydrocarbon Propellant  
Aerosol Hairspray  
Aerosol Spray  
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Cream Hair Conditioner  
Hair Straightening Cream  
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Conditioner Hair Lotion  
Apricot Hair Conditioner  
Wheat Germ Hair Conditioner  
Balsam Conditioner  
Clear Conditioner with Wheat Germ Cationic  
Clear Leave-On Conditioner  
Clear Conditioner for Daily Use  
Daily Use Conditioner for Normal to Dry Hair  
Conditioner for Dry/Damaged Hair  
Conditioning Color Sealant for Temporary Hair Dyes  
Cuticle Coat with Enhanced Shine  
Conditioning Pretreatment for Chemical Processing  
Hair Gloss Spray  
Cream Hair Conditioner  
Conditioner and Setting Lotion  
Curl Conditioner and Oil Sheen  
Cream Rinse  
Cream Rinse Conditioner  
Conditioner  
Hair Gel  
Hair Fixative  
Conditioner  
Styling Gel  
Conditioning Protein Hair Gel  
Hair Setting Gel  
Conditioning Rinse Aerosol-Packed, Remains on Hair  
Conditioning Rinse, Aerosol-Packed  
Hair Conditioner, Aerosol-Packed  
Conditioning Setting Lotion, Clear  
Conditioning Setting Lotion, Cloudy  
Setting Lotion, Clear, Oily

Cream-Rinse  
Curl Activator  
Wave Lotion (Buffered)  
Economy Cream Rinse Conditioner  
"Light" Cream Rinse Conditioner  
Extra-Firm Holding Hairspray  
Firm Holding Hairspray  
80% VOC Hairspray  
Firm Holding Hairspray  
Hairspray  
Hair Conditioner  
Hair Cream Gel  
Hair Gel  
Hair Repair and Conditioner  
Conditioning Hair Rinse for Oily Hair  
Hair Shaping Gloss  
Conditioning, Setting Gel  
Hair Straightener  
Hair Relaxer  
Hair Styling Cream (for dried hair)  
Resyn Hair Spray with Dimethicone Copolyol  
Aerosol Filling  
High Performance Cream Rinse Conditioner  
Hair Shine Concentrated Gel  
High Performance 80% VOC Non-Aerosol Hair Spray  
Ultra-Hold Finishing Spray  
Modern Expression Hair Mask  
Spiking Spritz  
Non-Aerosol Finishing Spray  
Finishing Spray  
Replenishing Cream Rinse  
Pelan Hair Conditioner  
Pomade  
Hair Straightener  
Premium Biodegradable Hair Conditioner  
Ethnic Hair Shine  
Hair Sculpturing Treatment  
Flexible Hold Styling Mousse  
Hair Setting Cream  
Permanent Wave  
Cold Perm (Carbonated)  
Hair Spray  
Medium Hold Hair Spray  
Firm Holding/High Humidity Hair Spray  
Hair Spray  
Pump Setting Spray (100% VOC)  
Pump Setting Spray (80% VOC)  
Hair Spray, Aerosol-Packed  
Hair Dressing Cream O/W  
Hair Dressing Cream W/O  
Hair Dressing Cream O/W  
High Solids Hair Spray-80% VOC  
High Solids Hair Spray (Innovative 80% Equivalent)

Body Lotion  
Milk Lotion  
Body Lotion, Type O/W, with MPC-Milk Peptide Complex  
Flowable Moisturizing Milk Creamy Lotion  
Monasil PCA Lotion  
AHA Moisturizing Lotion  
Anti-Aging Day Lotion  
Cationic Lotion with Incroquat Behenyl TMS  
Body Lotion for Sensitive Skin  
Cleansing Lotion  
Botanical Facial Moisturizing Lotion  
Cationic Lotion  
Body Lotion: Water in Oil  
Cromoist CM-Glucan Lotion with Crodafos CES  
Dihydroxyacetone Lotion  
Isolan DO Lotion (O/W Cold Process)  
Emollient Lotion  
Ethnic Hand & Body Lotion  
Hand and Body Lotion  
Cocoa Butter Hand and Body Lotion  
Hand and Body Lotion  
Depilatory Lotion  
Hand and Body Lotion  
Dry Touch Emollient Lotion  
Hand and Body Lotion  
Rehydrating Body Lotion  
Hand and Body Lotion  
Hand Lotion  
Hand & Body Lotion  
Light Conditioning Hand Lotion  
Incroquat Behenyl TMS Lotion  
High SPF-30 Lotion Cold Process  
Aloe Vera Gel Shampoo  
Acid Balanced Conditioning Shampoo  
All Purpose Shampoo  
Amide Free Shampoo (Formulated to be amide-free)  
Premium Clarifying Shampoo  
Anti-Dandruff Lotion Shampoo  
Anti-Dandruff Cream Type Shampoo  
Anti-Dandruff Shampoo  
Children's Conditioning Shampoo  
Anti-Dandruff Shampoo  
Moisturizing Anti-Dandruff Shampoo  
Clear Shampoo with Microcapsules  
All Natural Shampoo  
Conditioning Color Enhancer Shampoo  
Shampoo-Clear Gel Type  
Conditioning Shampoo  
Clear, Colorless Conditioning Shampoo  
Deodorizing Shampoo  
Shampoo  
Mild Deep Cleaning Shampoo  
Water White Shampoo

Coconut Shampoo (35% Real Soap)  
Coconut-Oleic Shampoo (35% Real Soap)  
Cream Shampoo  
Crystal Clear Conditioning Shampoos  
Crystal Clear Luxury Shampoo  
Crystal Clear Conditioning Shampoo  
Gentle Shampoo  
Hair and Body Shampoo  
Shampoo  
Preparation in the Laboratory  
High Performance Low Irritation Shampoo  
Low Irritation Conditioning Shampoo  
Low-Cost Shampoo  
Conditioning Shampoo  
Mild Shampoo with Panthenol  
Clear Mink Oil Shampoo  
Neutralizing Conditioning Ethnic Shampoo  
Mild Anti-Dandruff Shampoo  
Pearled Shampoo  
Clear Shampoo  
Clear Gel Shampoo  
Pearlized Conditioning Shampoo  
Clear Conditioning Shampoo  
Salon-Style Shampoo  
Baby Shampoo  
Insect Repellent Cream O/W  
Insect Repellent Emulsion O/W, Liquid  
Insect Repellent Oil, Alcoholic  
Insect Repellent Stick  
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Gelled DEET  
Repellent Stick  
Stick Formula  
Repellent Roll-On  
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W/O After Shave Lotion  
After Shave Lotion  
Clear Shaving Gel  
Cooling After Shave (Oil Free/Alcohol Free)  
Moisturizing After Shave Treatment (Eashave)  
Refreshing After Shave (Eashave)  
After Shave Bala  
Soft After Shave Balm (Eashave)  
Oil-in-Water After-Shave Balm  
After Shave Balsam  
Shaving Cream  
Shave Cream  
Aerosol Shave Cream  
Nonionic Aerosol Shave Cream  
After Shave Conditioner  
Aftershave Gel with Peppermint and Tea Tree Oil  
Shave Cream Concentrate  
Electric Preshave

Shave Gel  
Clear Liquid Hand Soap with Suspended Mineral Oil Beads  
d-Limonene Hand Soap  
d-Limonene Waterless Hand Cleaner  
Clear Liquid Hand Soap  
Conditioning Hand Soap  
Emollient Liquid Hand Soap  
Cream Soap  
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Powder Dispenser Type  
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Hand Cleaner-Waterless Paste  
Waterless Paste  
Hand Cleaner-Waterless Paste  
Liquid Hand Soap  
Coconut-Oleic Hand Soap  
Hand Cleaners (Waterless Paste)  
Waterless Paste  
Liquid Hand Soap W/Aloe  
Deodorant Hand Wash  
Luxury Liquid Soap  
Liquid Hand Soap  
Mild Liquid Soap  
Hot-Pour Syndet Bar  
Opaque Liquid Soap  
Transparent Toilet Soap  
Moisturizing Liquid Hand Soap  
Germicidal Hand Cleanser  
Neutral pH Detergent Bar  
Solid Iodophor Cleansing Bar  
Non-Drying Lotion Hand Cleaner  
Waterless Handcleaner  
Pearlized Liquid Soap  
Sanitizing Hand Soap  
Skin Conditioning Liquid Soap  
Clear Gel Hand Soap  
Gel Waterless Hand Cleaner  
Slow Setting Gel Waterless Hand Cleaner  
Waterless Hand Cleaner  
Slow Set Waterless Hand Cleaner  
Fast Set Waterless Hand Cleaner  
Soft Skin Liquid Soap  
Conditioning Liquid Soap  
Soap Base Beauty Bar  
Liquid Soap  
Dry Touch Physical Sunscreen  
Enriched Moisturizing Lotion (Before & After Tanning)  
Sunscreen Spray  
Microfine Titanium Dioxide Sunscreen (O/W) Lotion  
After Sun Lotion

Sun Tan Cream  
 Sun Tan Oil  
 Moisturizing Hydrogel with B-Glucan  
 After Sun Lotion  
 Light After Sun Fluid  
 After Sun Lotion  
 Sunscreen Cream  
 After Sun Milk  
 W/O-Sun Screen Milk  
 Oil-in-Water Sun Protection Cream  
 Oil-in-Water Sun Protective Cream with “Natural” Sun Filter  
 Sunscreen Gel  
 Sunscreen Gel SPF 10  
 Sunscreen Gel SPF 10 (Aqueous-Alcoholic)  
 Sunscreen Lotion  
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 Sunscreen (O/W) Lotion SPF 17  
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# 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.

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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.

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Wed, 20 Mar 2024 13:50:33 +0530