

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

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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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Glass and Window Cleaner
Household Window Cleaner
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Windshield Washer Concentrate
Cleaner/Polish for Glass
Glass Cleaner Polish
All-Purpose Glass Cleaner
All-Purpose Glass Cleaner-Liquid Spray
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Hard Surface Cleaner
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Non-Butyl Hard Surface Cleaner
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Acid Cleaner
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Acid Cleaner, Iron and Steel, Soak or Spray
Powdered Acid Cleaner
Acid Aluminum Cleaner
Acid Cleaner (Powder Form)
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Alkaline Cleaner, Iron & Steel, Soak
Alkaline Cleaner, Iron & Steel, Spray
Aluminum Cleaner/Brightener
Aluminum Smut Cleaner
Metal Cleaning Alkaline
Metal Cleaning Acid
Metal Cleaning- Rust Removal
Aluminum Cleaning - Acid
Aluminum Cleaner
Aluminum Cleaner/ Polish, Soft Paste
Fine Brass Polish
Grill Cleaner
Oven Cleaner
Pump Spray Oven Cleaner
Caustic Oven Cleaner
Non-Caustic Oven Cleaner
Oven Cleaner
Heavy Duty Oven Cleaner
Aerosol Shoe Polish
Shoe Polish Paste Wax
Baby Bath
Baby Cream
Baby Shampoo
Baby Lotion
Baby Shampoo
Opacified Baby Shampoo
Emulsified Baby Shampoo
Bath Oil
Bath Oil, Liquid
After Bath/Shower Milky Lotion

After Bath/Shower Soft Milky Cream
After Bath Moisturizing Lotion
Bath Gel
Bubble-Bath Gel
Blooming Bath Oil
Bath and Shower Gel
Bubble Bath - Premium Foam Bath
Clear Body Wash
Cream Bath
Foam Bath
Medicated Foam Bath
Shower Gel
Fragrant Bath Oil
Swirling Bath Oil
Floating Bath Oil
Elegant Foaming Bath Oil
Hand & Body Cleanser
Skin Cleanser
Herbal Foam Bath
Herbal Cream Foam Bath
Low Irritation Shower Cleanser
Mild Shower Cleanser
Oil Foam Bath
Transparent Bath and Shower Bar
Vitamin Foam Bath
Bubble Bath
Soothing Bath Oil
Hand Cleaning Cream with Solvent
Hand Washing Paste
Moisturizing Body Wash
After Bath Talc
Washing Lotion
Gel Conditioning Body Cleanser
Absorbant Facial Mask for Oily Skin
ACNE Scrub
Aerosol Moisturizing Facial Mask
Aerosol Facial Mask for Chapped Skin
Aloe Anionic Moisturizer
Cleansing Emulsion
Cleansing Milk - A
Cleansing Milk - B
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Conditioning Facial and Body Cleanser
Compact Powder
Face Bronzer Pressed Powder
Anti-Wrinkle Cream
Facial Firming Gel
Anti-Aging Cream
Anti-Bacterial Cleansing Cream
Anti-Aging Leave on Mask
Cleansing Oil
Milk Lotion
Cream Eye Shadow

Silky Blush
Exfoliant Scrub
Cream Eye Shadow
Pearlescent Eye Shadow
Eye Firming Gel
Clear Eye Gel
Creamy Mascara
Waterproof Mascara
Mascara
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Lipstick
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Lip Salve Sunscreen
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Lip Stick Base
Skin Tightening Gel
Skin Smoother Gel
Temporary Wrinkle Remover
Rouge Compact Powder
Rouge Stick
Rouge Stick with Pearly Gloss
All Purpose Cream
All Purpose Moisturizing Cream
Cold Cream
Anti-Cellulite Cream
Antiwrinkle Night Cream
Avocado Cream, Paraffin Free
Care Cream
Acne Cream
Anti-Acne Cream
Aerosol Hand Cream Mousse
Non-Stripping Cleansing Cream
Barrier Cream
Cleansing Cream-A (W/O Emulsion)
Cleansing Cream-B (W/O Emulsion)
All-Purpose Cream with Conventional Emulsifier Basis
All-Purpose Dry Skin Cream
Hand and Nail Cream
Light Daycream, Skin Smoothing
Eye Cream with UV-filter and Evening Primrose Oil
Nightcream with Wheat Germ Oil
Anti-Ozone Cream (Preregen)

Night Cream
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
Hair Moisturizing Spray
Aerosol Hair Spray Regular Hold
Aerosol Hair Spray Super Hold
Aerosol Hair Spray Formulation Containing Water
Aerosol Hairspray, Hydrocarbon Propellant
Aerosol Hairspray
Aerosol Spray
Hair Setting Lotion
Cream Hair Conditioner
Hair Straightening Cream
Clear Conditioner
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
Insect Repellent Spray, Aerosol-Packed
Gelled DEET
Repellent Stick
Stick Formula
Repellent Roll-On
After Shave Lotion O/W Emulsion
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
Hand Cleaner, Powder (Dispenser Type)
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Hand Cleaner-Waterless Paste
Waterless Paste
Hand Cleaner-Waterless Paste
Liquid Hand Soap
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Waterless Paste
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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
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Waterless Hand Cleaner
Slow Set Waterless Hand Cleaner
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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
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Sun Tan Cream
 Sun Tan Oil
 Moisturizing Hydrogel with B-Glucan
 After Sun Lotion
 Light After Sun Fluid
 After Sun Lotion
 Sunscreen Cream
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 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
 Sunscreen Lotion (SPF 15*)
 Waterproof Sunscreen Cream (SPF 19*)
 Sunscreen Moisturizing Cream
 Sunscreen (O/W) Lotion SPF 16
 Sunscreen (O/W) Lotion SPF 17
 Sunscreen (W/O) Lotion SPF 20 (Broad Spectrum UVA/UVB Protection)
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About NIIR

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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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