

Surfactants, Disinfectants, Cleaners, Toiletries, Personal Care Products Manufacturing and Formulations (2nd Revised Edition)

Author: NPCS Board of Consultants & Engineers

Format: Paperback

ISBN: 9789381039793

Code: NI303

Pages: 552

Price: Rs. 1,750.00 **US\$** 150.00

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, Tooth Paste) (2nd 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.

Contents

1. Introduction

Disinfectant

Advantages & Disadvantages of different Classes of Disinfectants

Surfactant

Classification of Surfactants

Market Overview

2. Phenyl

Uses

Properties

Manufacturing Process

3. Floor Cleaner

Composition of Floor Cleaner

Uses of Floor Cleaner

Raw Material Required for Floor Cleaner

Manufacturing Process of Floor Cleaner

Process Flow Diagram of Floor Cleaner

4. Glass Cleaner

Uses & Applications

Properties of Glass Cleaner

Formulations of Glass Cleaner

1. Acidic Glass Cleaner

2. Ammoniacal Glass Cleaner

3. Glass Cleaner without Ammonia

Manufacturing Process

Process Flow Diagram of Glass Cleaner

5. Toilet Cleaner

Properties

Features

Formulations of Toilet Cleaner

Manufacturing Process of Toilet Cleaner

Process Flow Diagram of Toilet Cleaner

6. Mosquito Coils

Uses and Application

Properties

Basic Raw Material

Manufacturing Process

Process Flow Diagram

7. Liquid Detergent

Uses of Liquid Detergent

Liquid Detergent Formulations

1. Heavy Duty Liquid Detergent

2. Light Duty Liquid Detergent

Manufacturing Process

Process Flow Diagram

8. Detergent Powder

Properties of Detergent Powder

Uses & Application

Manufacturing Process

Process Flow Diagram

9. Detergent Soap

Properties
Uses & Applications
Detergent Cake Formulation
Manufacturing Process
Process Flow Diagram
10. Naphthalene Balls
Uses & Application
Properties
Manufacturing Process
Process Flow Diagram
11. Air Freshener (Odonil Type)
Properties
Uses and Applications
Formulation for Preparing Odonil Type Solid
Deodorant Cake
Manufacturing Process
Process Flow Diagram
12. Shoe Polish
Uses and Applications
Formulation of Different Type of Shoe Polish
Black Boot Polish
Dark Tan Polish
Concentrated Liquid Shoe Polish (Black)
Manufacturing Process
Coloured Polishes
Process Flow Diagram
13. Tooth Paste
Components of Toothpaste
Typical Toothpaste Ingredients
Manufacturing Process
Process Flow Diagram
14. Shaving Cream
Raw Material Used for Shaving Cream
Application of Shaving Cream
Formulation
Manufacturing Process
15. Liquid Soaps and Handwashes
Method of Manufacture
16. Herbal Shampoo
Properties
Manufacturing Process of Herbal Shampoo
Composition of Formulated Herbal Shampoo
Herbal Anti-Dandruff Shampoo
Formulation
Formulation
Method of Herbal Anti-Dandruff Shampoo
Process Flow Diagram of Herbal Shampoo
17. Henna Based Hair Dye
Properties of Hair Dyes
Formulations for Hair Dye
A. For Black Colour
B. For Making Burgundy Colour
C. For Making Chase Nut Colour

D. For Making Special Brown
Manufacturing Process
Process Flow Diagram

18. Herbal Creams
Properties of Herbal Cream
Manufacturing Process of Herbal Cream
Process Flow Diagram

19. Utensil Cleaning Bar
Uses & Applications
Formulation
Manufacturing Process
Process Flow Diagram

20. Hand Sanitizer
Physical and Chemical Properties
Ingredients
Uses
Formulation of Herbal Hand Sanitizer
Manufacturing Process

21. Formulations
Bathroom Cleaner
Bowl Cleaner (With Nonionic)
Bowl Cleaner (Nonionic/Perfume)
Toilet Bowl Cleaner
Tub & Tile Cleaner
Tub, Tile and Bathroom Cleaner
Tile Cleaner
Liquid Acid Toilet Bowl Cleaner
Pearlescent Toilet Bowl Cleaner
Toilet Bowl Cleaner
Toilet Bowl Cleaner-Liquid
Toilet Bowl Cleaner with Bleach
Toilet Cleaner, Powder
Toilet Cleaner, Powder-B
Toilet Cleaning Block, Extruded-A
Toilet Cleaning Block. Extruded-B
Tile & Toilet Cleaner
Automatic Dishwasher Detergent-Dry Mix Formulation
Automatic Dishwasher Detergent-Agglomerated Formulation
Automatic Dishwashing Detergent
Dishwashing (Machine) Powder
Automatic Liquid Dish Detergent
Liquid Dishwash Detergent - Economy
Liquid Dishwash Detergent -Intermediate
Automatic Dishwash Liquid
Industrial Dishwash, Mild Liquid
Hand Dishwash Liquid—High Quality
Hand Dishwash Liquid—Good Quality
Hand Dishwashing Liquid
Mechanical Dishwashing Detergent - Chlorinated
All Purpose Cleaner
All Purpose Cleaner - No Rinse
All Purpose Cleaner
All-Purpose Disinfectant Cleaner

Heavy Duty Alkaline Cleaner
Alkaline Powder Cleaner
Phosphate Free All Purpose Cleaner
Abrasive Cleaner with Bleach
Abrasive Cleaner Without Bleach
Hard-Surface Cleaner
Hypochlorite Vertical Surface Cleaner
Butyl Cleaner
Pine Oil Cleaner Concentrate
Disinfecting Cleaner, Alkaline
Heavy Duty Cleaner
Neutral Cleaner
Non-Phosphate All Purpose Cleaner
Oil Splitting General Purpose Cleaner
Anti-Fogging, Anti-Static Glass Cleaner
Glass Cleaner, Ready to Use
Glass Cleaner Concentrate (Non-Ammoniated)
Glass Cleaner Concentrate
Ammoniated Glass Cleaner
Glass and Window Cleaner
Household Window Cleaner
Premium Household Window Cleaner
Glass Cleaner
Glass Cleaner (Concentrate)
Windshield Washer Concentrate
Cleaner/Polish for Glass
Glass Cleaner Polish
All-Purpose Glass Cleaner
All-Purpose Glass Cleaner-Liquid Spray
Industrial Glass Cleaner
Concentrated Hard Surface Cleaner
Hard Surface Cleaner
Creamy Hard Surface Cleaner
Non-Butyl Hard Surface Cleaner
Hard Surface Cleaner
Alkaline Hard Surface Cleaner
Hard Surface Cleaner-Spray
All Purpose Cleaner with Solvent
Pine Oil Cleaner
General Purpose Hard Surface Cleaner
Alkaline Hard Surface Cleaner
Liquid Super Concentrate
Hard Surface and Floor Cleaner
Heavy Duty Laundry
Hard Surface Cleaner
Alkaline Hard Surface Cleaner
Hard Surface Cleaner-Spray
All Purpose Cleaner with Solvent
Pine Oil Cleaner
General Purpose Hard Surface Cleaner
Alkaline Hard Surface Cleaner
Liquid Super Concentrate
Hard Surface and Floor Cleaner

Heavy Duty Laundry
Won-Phosphate Laundry Powder
Heavy-duty Detergent, Powder, Spray Mixing Process-A
Heavy-Duty Detergent. Powder, Soray Mixing Process-8
Heavy Duty Liquid Laundry Detergent
Liquid Laundry Detergents
Liquid Light-Duty Detergent. Low Viscosity-A
Liquid Light-Duty Detergent, Low Viscosity-B
Industrial Laundry Powder
Laundry Powder Detergent
Industrial Laundry One-Shot Liquid
Hand-Wash Laundry Liquids - Moderate Foam
Heavy Duty Detergent
Heavy Duty Liquid Laundry Detergent
Liquid Laundry Detergent - Economy
Acid Cleaner
High-Foaming Acid Scrubber
Acid Cleaner, Iron and Steel, Soak or Spray
Powdered Acid Cleaner
Acid Aluminum Cleaner
Acid Cleaner (Powder Form)
Alkaline Cleaner, Aluminum, Spray
Alkaline Cleaner, Iron & Steel, Soak
Alkaline Cleaner, Iron & Steel, Spray
Aluminun 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
Facial Gel Cleaner
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
Smudgeproof Mascara
Eye Make-up Removing Stick
Make-up Remover
Eye Make-up Remover, Liquid
Eye Make-up Remover in Gel Form
Make-up Remover, Surfactant Based
Lip Moisturizer
Lip Balm
Lip Balm A
Lip Balm B
Creamy Lipstick Base
Lipstick
Lip Care Stick with SPF ca.6
Lip Salve with Glycyrrhetic Acid
Lip Salve Sunscreen
Lip Care Stick with Sunscreen
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 Soray (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
Hand Cleaners (Powder Dispenser Type)
Powder Dispenser Type
Hand Cleaner, Powder (Dispenser Type)
Hand Cleaners (Handsoap-Clear Liquid)
Heavy Duty
Hand Cleaner, Waterless, Liquid
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
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)
Sunscreen (W/O) Lotion SPF 23 (Broad Spectrum UVA/UVB Protection)
Sunscreen (W/O) Lotion SPF 30 (Waterproof Broad Spectrum UVA/UVB Protection)
Titanium Dioxide Based Water Resistant Sunscreen (SPF 22)
Waterproof Sunscreen Cream
Waterproof Suntan Lotion SPF 17
Moisturizing Sunscreen
Waterproof W/O Sunscreen Lotion (SPF-16)
Cooling After Sun Lotion
Waterproof W/O Sunscreen Lotion (SPF 22)
Water-In-Oil Sunscreen (SPF 26)
Water Resistant Sunscreen Lotion
Water-Resistant Sunscreen Lotion (SPF 24)
Chalk Toothpaste
Aluminum Hydroxide Toothpaste
Clear Gel Toothpaste
Phosphate Toothpaste
Chalk Toothpaste
Silica Toothpaste (Opaque Paste)
Silica Toothpaste (Transparent Paste)
Silica Toothpaste (Translucent Paste)
Tartar Control Toothpaste
Toothgel
Toothpaste
Toothpaste, Transparent
22. Addresses of Raw Material Suppliers
23. Photographs of Plant & Machinery with Supplier’s Contact Details
24. Sample Plant Layout & Process Flow Sheets

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.

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

Mon, 19 Nov 2018 10:49:43 +0530