

# **Adhesives, Chemical, Drugs, Gums, Insecticides, Jute, Pesticides, Petro Chemicals, Petroleum, Grease, Lubricants, Pharmaceuticals, Sealants, Starch, Leather**

## **[Detailed Project Profiles On 9 Selected Chemical Industries](#)**

**Author:** NIIR Board

**Format:** Hardcover

**Book Code:** NI1

**Pages:** 152

**ISBN:** 8186623035

**Price:** Rs. 1,095.00 **US\$** 100.00



The book contains process of manufacture, market surveys, BIS specifications, addresses of machinery and raw material suppliers and project profiles of the following items: a) Hexamine from formaldehyde b) Hydrochloric Acid (HCL) c) Barium Compound d) Glacial Acetic acid e) Silicon Emulsion f) Sodium Tripoly Phosphate g) Corrosion Controlling Chemicals h) Ethylene Diamine i) Metal Naphthenates (As drier for paints)

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## **[Detailed Project Profiles On Chemical Industries \(Vol II\)](#)**

**Author:** NIIR Board

**Format:** Hardcover

**Book Code:** NI3

**ISBN:** 8186623043

**Price:** Rs. 1,095.00 **US\$** 100.00



The book covers manufacturing processes, formulae, market survey, project profiles of different chemicals with details of Plant, machinery and raw materials and their sources.

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## **[Investment Opportunities In Pharmaceutical & Drug Industries](#)**

**Author:** NIIR Board

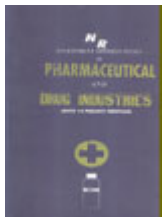
**Format:** Hardcover

**Book Code:** NI5

**Pages:** 304

**ISBN:** 8186623477

**Price:** Rs. 4,408.00 **US\$** 300.00



The book deals with various parameters required for pharmaceutical and drug industries along with 14 project profiles which contains market survey, manufacturing processes, process flow diagram, BIS specifications requirement of plant, machinery and raw material and their sources, cost of production, profitability B.E.P etc.

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## [Handbook On 100% Export Oriented Jute & Jute Products \(Eco Friendly Projects\)](#)

**Author:** P.K. Chattopadhyay

**Format:** Hardcover

**Book Code:** NI6

**Pages:** 105

**ISBN:** 8186623000

**Price:** Rs. 695.00 **US\$** 100.00



The jute industry can look forward to a brighter future provided urgent measure are taken to set the population of value added products in its programme for diversification. Universal concern for environmental protection has today once again turned the balance toward eco-friendly jute and jute products. Keeping this in mind, NIIR has published a book on " Hand book on 100% export oriented jute and jute products(Eco-friendly projects) edited by P. K. Chttopadhyay. This book discusses with the modern scientific method of jute cultivation & processing into various products. Cost estimation for different kinds of products have been presented considering the prevailing market conditions.

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## [Handbook On Chemical Industries \(Alcohol Based\)](#)

**Author:** H. Panda

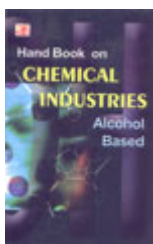
**Format:** Paperback

**Book Code:** NI7

**Pages:** 374

**ISBN:** 8178330679

**Price:** Rs. 750.00 **US\$** 100.00



Alcohol is a very valuable material which has variety of uses such as for production of chemicals, as a source of energy and fuel etc. The book covers manufacturing details of various alcohol based chemicals. We hope that it will be very helpful for new entrepreneurs, researchers, general information seekers and libraries as a reference book.

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## [Gums, Adhesives & Sealants Technology & Their Applications \(with Formulae\)](#)

**Author:** NIIR Board of Consultants & Engineers

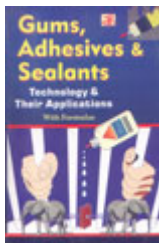
**Format:** Paperback

**Book Code:** NI8

**Pages:** 700

**ISBN:** 8178330954

**Price:** Rs. 975.00 **US\$** 100.00



Gums, Adhesives and Sealants are occupying by and large, a conspicuous plateau in the modern industrial world by virtue of their versatility in diverse fields of applications. This potentially useful book furnishes technical aspects of various types of gums, adhesives and sealants which are so useful to a new entrepreneurs or established one. The book delineates in detail formulae, processes of various gums, adhesives and sealants along with addresses of machinery and raw material suppliers.

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## [Modern Technology Of Soaps, Detergents And Toiletries \(with Formulae and Project Profiles\) 2nd Edition](#)

**Author:** P. K. Chattopadhyay

**Format:** Paperback

**Book Code:** NI34

**Pages:** 426

**ISBN:** 8186623450

**Price:** Rs. 575.00 **US\$** 100.00



The book contains the formulae of different types of soaps, detergents (cake, powder and liquid) toiletries, analytical testing method, quality control of finished products, packing criteria of cosmetics and toiletries alongwith project profiles and addresses of raw material, plant and machinery suppliers.

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## [Handbook on Soaps, Detergents & Acid Slurry \(2nd Edition\)](#)

**Author:** NIIR board

**Format:** Paperback

**Book Code:** NI38

**Pages:** 800

**ISBN:** 8178330938

**Price:** Rs. 1,100.00 **US\$** 125.00



The Soap and Detergent industry is profoundly lucrative with splendid market potential as well as bright future scope. In order to meet the requirement of market demand, many more new units are recommended to be established on small and cottage scale. The present book has been written keeping in view the basic difficulties of the entrepreneurs. Nominal investment is required for this industry which comprises simple method of processing for manufacturing of various types of soaps, detergents and acid slurry.

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## [Adhesives Formulary Handbook](#)

**Author:** NIIR Board

**Format:** Paperback

**Book Code:** NI41

**Pages:** 562

**ISBN:** 817833061X

**Price:** Rs. 975.00 **US\$** 100.00



This book extensively elaborate different important formulae. This book will serve new entrepreneurs and chemists as a reservoir with important vital information.

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## [Modern Technology of Petroleum, Greases, Lubricants & Petro Chemicals](#)

**Author:** NIIR Board

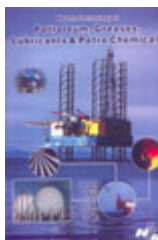
**Format:** Paperback

**Book Code:** NI45

**Pages:** 682

**ISBN:** 8186623582

**Price:** Rs. 1,100.00 **US\$** 100.00



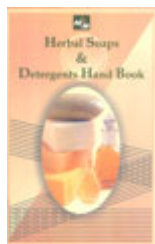
Lubricants, Greases and Petrochemicals are most versatile on the Industrial Plateau now a days. The significance of Lubricants, Greases and specialty products in the day-to-day functioning of nearly every machine part, instrument, appliance & device can not be over emphasized lubricants reduce friction & wear between rubbing parts, there by enhancing their life.

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## [Herbal Soaps & Detergents Handbook](#)



**Author:** H. Panda  
**Format:** Paperback  
**Book Code:** NI53



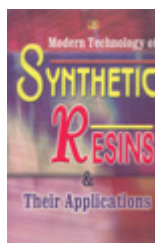
**Pages:** 536  
**ISBN:** 8186623590  
**Price:** Rs. 975.00 **US\$** 100.00

The book covers formulae, processes of different types of herbal soaps & detergents being used in daily life. This is the first book of its kind, which is very helpful for those who wants to venture in to herbal products. Professionals, beauty products manufacturers, institutions, libraries etc.

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## [Modern Technology Of Synthetic Resins & Their Applications](#)

**Author:** NIIR Board  
**Format:** Paperback



**Book Code:** NI71  
**Pages:** 660  
**ISBN:** 817833092X  
**Price:** Rs. 975.00 **US\$** 100.00

The book covers manufacturing processes formulae of various types of Synthetic resins with their applications.

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## [The Complete Technology Book On Pesticides, Insecticides, Fungicides and Herbicides with Formulae & Processes](#)

**Author:** H. Panda  
**Format:** Paperback  
**Book Code:** NI79



**Pages:** 706  
**ISBN:** 8186623728  
**Price:** Rs. 1,100.00 **US\$** 100.00

Pesticides, Insecticides, Fungicides and Herbicides are used in agriculture, forestry, animal husbandry, commercial centers and houses for the pest control. During last 35 years, consumption of these products has increased manifold and industries are coming up throughout the world due to its increasing demand. The book contains formulae, processes of different types of pesticides, insecticides, fungicides and herbicides. This book will serve as a guide to research scientists, industrialists, policy makers and students.

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## [Modern Technology Of Industrial Chemicals](#)

**Author:** NIIR Board

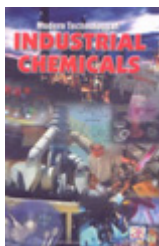
**Format:** Paperback

**Book Code:** NI80

**Pages:** 550

**ISBN:** 8178330695

**Price:** Rs. 1,100.00 **US\$** 125.00



In modern age chemical industries have permeated most extensively in comparison with other industries and are progressing at a very rapid pace. This book elucidates chemicals which have good market potential. This Book deals with manufacturing processes with reaction, technical details, equipments involved in processing etc. The book is very useful for new entrepreneurs, industrialists, research scholars, technical libraries, consultants etc.

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## [The Complete Technology Book On Starch And Its Derivatives](#)

**Author:** H. Panda

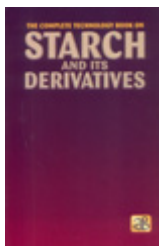
**Format:** Paperback

**Book Code:** NI81

**Pages:** 540

**ISBN:** 8178330733

**Price:** Rs. 1,100.00 **US\$** 125.00



Starch is a group of poly saccharides, composed of glucopyranose units joined together by glucosidric linkages. Industrially, starch is broadly divided in to two types of viz, natural and modified. The characteristics of the natural starches are changed by chemical are enzymatic reaction and the products of these reactions are termed modified starches. Starch can be obtained from maize, sorghum, roots and tubers such as tapioca, arrow root, potatoes etc. This book contains processes of starch and its derivatives. New entrepreneurs, industrialists, consultants, libraries can be benefited with this book.

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## [Industrial Chemicals Technology Hand Book](#)

**Author:** NIIR Board

**Format:** Paperback

**Book Code:** NI85

**Pages:** 556

**ISBN:** 817833075X

**Price:** Rs. 1,100.00 **US\$** 125.00



The book contains manufacturing processes, reactions, equipments details, process flow diagram of number of chemicals, which have huge industrial uses. This book is very useful for new entrepreneurs, industrialists, consultants, research scholars, technical institutions, chemists and libraries. This book is recommended to all related to field of chemical process technology.

## [The Complete Technology Book On Chemical Industries](#)

**Author:** NIIR Board

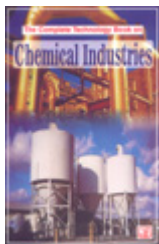
**Format:** Paperback

**Book Code:** NI89

**Pages:** 443

**ISBN:** 8178330687

**Price:** Rs. 975.00 US\$ 100.00



This book should be of great value to young chemical engineers and chemists who are just entering the field but those already practicing will find much of interest and use for broadening of their insight in to fields in which they are only marginally informed. It is hoped that this book will aid to young engineers, chemical, civil, mechanical and electrical as well as chemists, in understanding the value of chemical, the type of problems met in their production and method for solving these problems.

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## [The Complete Technology Book on Fine Chemicals](#)

**Author:** NIIR Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI126

**Pages:** 586

**ISBN:** 8178330563

**Price:** Rs. 1,100.00 US\$ 125.00



Fine chemicals are the chemicals which are produced in comparatively small quantities and in relatively pure state. Fine chemicals correspond to a distinct segment of the chemical industry, including low tonnage molecules (typically 10-20 Kt.) Pharmaceutical and Biological Products, Perfumes, Photographic chemicals and Electronic Grade reagents are examples of fine chemicals. High purity reagents (99.999999% pure) are also classified as fine chemicals. Globally, the fine chemicals industry continues to be very fragmented in spite of some consolidation, partly due to the limited impact of economy of scale on the business. While, fine chemicals do offer limited albeit real opportunities for product differentiation, in contrast to commodity chemicals, they are unlike specialities, which offer much larger scope for standing out due to an enhanced contribution of technical services and application know how.

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## [Drugs & Pharmaceutical Technology Handbook](#)

**Author:** NIIR Board  
**Format:** Paperback  
**Book Code:** NI130  
**Pages:** 636  
**ISBN:** 8178330547  
**Price: Rs.** 1,075.00 **US\$** 125.00



India has come a long way in the field of manufacture of Drugs and Pharmaceuticals. From a country importing more than 95% of its requirement of Drugs and Pharmaceuticals, India now is exporting it even to developed countries. The modern Indian Pharmaceutical Industry is recent and its foundation was laid in the beginning of the current century. The pharmaceutical industry can be broadly categorised as Bulk Drugs, Formulations, IV Fluids and Pharmaceutical Aids (such as medical equipment, hospital disposables, capsules, excipients etc. Special feature of the pharma industry is a large number of manufacturers in the small scale sector. The government is also encouraging the SSI sector providing some incentives. The recent developments in the technology and R & D work in this field have led to the increased growth rate of industries and have established Indian Pharmaceutical industries in the international market.

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## [Directory of Chemical Industries in India on CD-Rom \(2nd Edition\)](#)

**Format:** CD-Rom  
**Book Code:** NID13  
**Price: Rs.** 2,758.00 **US\$** 150.00



Complete contact details of over 4400 Companies / Industries in India. Details include Contact Person, Company Name, Address, City, Pin code, Fax Number, \*E-mail, Website, Products Details, (Where ever available), Activity etc. Format: MS Excel

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## [Leather Processing & Tanning Technology Handbook](#)

**Author:** NIIR Board of Consultants & Engineers  
**Format:** Paperback  
**Book Code:** NI143  
**Pages:** 592  
**ISBN:** 8186623892  
**Price: Rs.** 1,100.00 **US\$** 125.00



The Profitability of leather processing is dependent on a good product and requires the consistent implementation of well understood process. This book covers latest techniques of leather processing and tanning, so that the industries involved in this process and new entrants can grow up with new technology. Leather tanning as an industry has been subjected to evolutionary forces as technology makes use of new materials, techniques and concepts. This book has been written having all the aspects in mind. This book is an attempt to fill the need of those desirous of starting leather processing industry. The book is very useful for new entrepreneurs, existing units, technocrats, technical institutions etc.

## [Handbook on Speciality Gums, Adhesives , Oils, Rosin & Derivatives, Resins, Oleoresins, Katha, Chemicals with other Natural Products](#)

**Author:** H.Panda

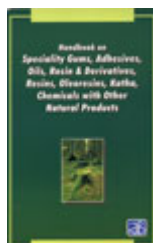
**Format:** Paperback

**Book Code:** NI149

**Pages:** 834

**ISBN:** 8178330253

**Price:** Rs. 1,275.00 **US\$** 125.00



The forest in India yields a large number of products, which play an important role in the economy of the country. This book contains process of forest based products like Gums, Resins, Oleoresins, Essential Oils and other natural products obtained from Indian forests. It gives an insight of richness and vastness of the forest wealth. This book is first of its kind, which covers comprehensive treasure of information on a wide variety products. This is very useful book for students, growers and marketing agencies, country where there is rich flora and fauna awaiting proper exploitation, production and utilization. Also known as The Complete Technology Book On Natural Products (Forest Based)NI 86

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## [The Complete Book on Distillation and Refining of Petroleum Products \(Lubricants, Waxes and Petrochemicals\)](#)

**Author:** NIIR Board of Consultants & Engineers

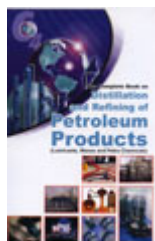
**Format:** Paperback

**Book Code:** NI152

**Pages:** 560

**ISBN:** 8186623973

**Price:** Rs. 975.00 **US\$** 100.00



The most dynamic industry of the century is the petroleum and petrochemicals industry. It has taken the fundamental knowledge of chemistry and chemical engineering and transformed itself from a simple processing industry for fuel and lubricants to an extremely complex chemical process industry which has branched out into synthetic rubber, plastics, fertilizers and many other fields. The book presents Practical information and data which will help oil companies, large scale users of commercial petroleum products in efficient storage, handling and utilization of these products. Different formulae, processes for the production of petroleum products are given in this book. This will be very useful book for new entrepreneurs, existing units, technocrats, researchers, institutional libraries etc.

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## [Handbook on Fine Chemicals, Vitamins, Amino Acids and Proteins](#)

**Author:** NIIR Board of Consultants & Engineers

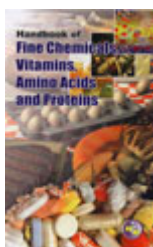
**Format:** Paperback

**Book Code:** NI159

**Pages:** 608

**ISBN:** 8186623965

**Price:** Rs. 1,450.00 **US\$** 150.00



The aim of this book is to present in a single volume an up to date account of the manufacture of Fine Chemicals, Vitamins, Amino Acids and Proteins. The book includes several new information which comprise important threads in the industry's total fabric. This book contains the constitution and synthesis of the Amino Acids, the Isolation of the Amino Acids from Proteins, the preparation of Amino Acids and Proteins, Vitamins and Fine Chemicals with Method of analysis and reactions etc. The book is very helpful for new entrepreneurs, technocrats, researchers, institutional libraries etc.

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## [Database, Directory of Pharmaceutical Companies in India](#)



**Format:** CD-Rom

**Book Code:** NID68

**Price:** Rs. 2,206.00 **US\$** 100.00

Contains over 7,000 Companies details include Company Name, Full Postal Address, Phone No., Fax No., Email Address (wherever available), Website Address (wherever available)

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## [The Complete Book on Biodegradable Plastics and Polymers \(Recent Developments, Properties, Analysis, Materials & Processes\)](#)

**Author:** NIIR board

**Format:** Paperback

**Book Code:** NI165

**Pages:** 672

**ISBN:** 8178330350

**Price:** Rs. 1,275.00 **US\$** 125.00



In response to public concern about the effects of plastics on the environment and in particular the damaging effects of sea litter on animals and birds, legislation is being enacted or is pending in many countries to ban non-degradable packing, finishing nets etc. Waste plastics suffocate soil; clog drainage and lead to a whole lot of ecological problems-they have debilitating effect on ecology. Environmentally acceptable degradable polymers have been defined as polymers that degrade in the environment by several mechanisms and culminate in complete biodegradation so that no residue remains in the environment. The present book gives thorough information to biodegradable plastic and polymers. This is an excellent book for scientist's engineers, students and industrial researchers in the field of bio-based materials.

## [Paints, Pigments, Varnishes and Enamels Technology Handbook](#)

**Author:** NIIR Board of Consultants and Engineers

**Format:** Paperback

**Book Code:** NI168

**Pages:** 672

**ISBN:** 8178330377

**Price:** Rs. 1,100.00 **US\$** 125.00



Painting is older than writing. It began twenty thousand years ago when the Stone Age man drew pictures with earth colours on the walls of caves in northern Spain and southern France. Now a days paints play a critical role in preventing corrosion and enhancing aesthetic values in various segments such as architectural household applications, automobiles, industrial equipments, ships, aircrafts etc. The present book covers the various formulae and processes of paints, pigments, varnishes and enamels. This book is very useful for new entrepreneurs, existing units, technocrats, technical institutions etc.

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## [The Complete Technology Book on Wax and Polishes](#)

**Author:** NIIR Board of Consultants & Engineers

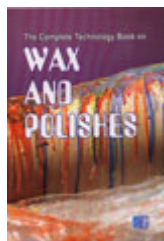
**Format:** Paperback

**Book Code:** NI183

**Pages:** 656

**ISBN:** 8178330121

**Price:** Rs. 1,275.00 **US\$** 125.00



Wax and polishes are used for many purposes. Wax has their principal use in waterproofing. Some other important uses are in candles, polishes, electrical insulation, coatings and carbon paper. There are various types of polishes having industrial and domestic applications. The purpose of this book is to present a comprehensive information of different types of wax and polishes like their processing, properties and uses. This book is very useful for new entrepreneurs, technocrats, professionals and researchers.

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## [The Complete Technology Book on Flavoured Ice Cream](#)

**Author:** NIIR Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI184

**Pages:** 448

**ISBN:** 817833013X

**Price:** Rs. 975.00 **US\$** 100.00



Ice Cream is a favourite food of millions around the world. It is a frozen mixture of a combination of component of milk, sweetners, stabilizers, emulsifiers and flavours. Ice cream is a palatable, nutritious and relatively inexpensive food. No other food enjoys so much popularity and has as attractive a form and appeal as ice cream. It is a comprehensive book which covers all the aspects of manufacturing of ice cream in various flavours. The book is meant for entrepreneurs, technocrats, professionals, researchers, dairy technologists etc.

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## [The Complete Book on Adhesives, Glues & Resins Technology](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI185

**Pages:** 712

**ISBN:** 8178330148

**Price:** Rs. 1,450.00 **US\$** 150.00



An adhesive and glue is defined as a substance capable of holding material together by surface attachment. Resins are used in the manufacture of adhesives, paints and number of other products. The adhesives industry has found its place in many industries and will surely spread to many other fields. It is used in building, electrical, automobile, aircraft and aerospace industries. The future advancement and consumption are practically beyond mental comprehension. Even today, as one's surroundings are observed, the use of adhesives, glues and resins are associated with almost every product that is marketed. The present book covers manufacturing aspects of various adhesives, glues and resins. This will be very helpful to new entrepreneurs, technocrats, technical institutes and existing units.

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## [Selected Formulary Book on Cosmetics, Drugs, Cleaners, Soaps, Detergents, Dentrices and Depilatories](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI189

**Pages:** 720

**ISBN:** 9788190439800

**Price:** Rs. 1,500.00 **US\$** 150.00



Formulation is a key process in the overall life cycle so that products are delivered that is of the right quality, at a competitive cost, and is made available within the specified time scale. This book present several hundred advanced product formulations for household, industrial and other applications. This book will be of help to development chemists looking for leads in the formulation of a wide range of products.

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## [Selected Formulary Handbook](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI191

**Pages:** 576

**ISBN:** 9788190439848

**Price:** Rs. 1,475.00 **US\$** 150.00



Formulation is a key process in the overall life cycle so that products are delivered that is of the right quality, at a competitive cost, and is made available within the specified time scale. This book present several hundred advanced product formulations for household, industrial and other applications. This book will be of help to development chemists looking for leads in the formulation of a wide range of products.

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## [Selected Formulary Book on Inks, Paints, Lacquers, Varnishes and Enamels](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI192

**Pages:** 568

**ISBN:** 9788190439855

**Price:** Rs. 1,475.00 **US\$** 150.00



Formulation is a key process in the overall life cycle so that products are delivered that is of the right quality, at a competitive cost, and is made available within the specified time scale. This book present several hundred advanced product formulations for household, industrial and other applications. This book will be of help to development chemists looking for leads in the formulation of a wide range of products.

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## [The Complete Book on Biotechnology Based Bulk Drugs](#)



**Author:** NPCS Board of Consultants & Engineers

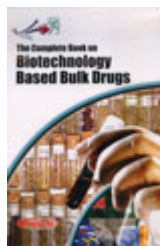
**Format:** Paperback

**Book Code:** NI194

**Pages:** 488

**ISBN:** 9788190439879

**Price:** Rs. 1,050.00 **US\$** 125.00



The development of biotechnology is taking pace in almost all fields of human life. The recent advances in the field of basic genetics have opened up new vistas, potentials and possibilities. The present book contains process of biotechnology based bulk drugs like penicillin, B-Lactam Antibiotics, Aminoglycoside Antibiotics, Peptide Antibiotics, Anti Cancer Agents, Lincomycin etc. This is very useful book for entrepreneurs, technocrats, research scholars, libraries etc.

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## [Phenolic Resins Technology Handbook](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI197

**Pages:** 584

**ISBN:** 9788190568500

**Price:** Rs. 1,275.00 **US\$** 125.00



Until the early 1920, only naturally occurring resins, such as congo kauri gums or shellac were used in the surface coating industry. Varnish makers combined these resins with oil. The advent of the hard, oil-soluble synthetic resins opened the way to a more scientific approach to varnish making. The development of synthetic resins for surface coating applications has usually followed the use of similar material in the plastic industry. One of the first synthetic resins ever used commercially, both in plastics and in surface coatings was the phenolic resin. Phenolic resins result aldehyde with or without modification. The present book covers manufacturing processes of phenolic resins. This book is very useful for new entrepreneurs, technocrats, established units and research scholars.

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## [Soaps, Detergents and Disinfectants Technology Handbook](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI198

**Pages:** 680

**ISBN:** 9788190568517

**Price: Rs. 1,275.00 US\$ 125.00**



It has been said that amount of soap and detergent consumed in a country is a reliable measure of its civilizations. There was a time when these products were luxury; now it is a necessity. 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 present book contains formulae, processes of different types of soaps, detergents and disinfectants. These products have good demand in domestic as well as in International market. So there is a very good scope for new entrepreneurs to venture into this field. This book is very useful for entrepreneurs, technocrats and for those who want to diversify in to this field.

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## [The Complete Book on Emulsifiers with Uses, Formulae and Processes](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Paperback

**Book Code:** NI201

**Pages:** 448

**ISBN:** 9788190568531

**Price: Rs. 1,075.00 US\$ 125.00**



Emulsifier is an organic compound that encompasses in the same molecule two dissimilar structural groups e.g. a water soluble and a water insoluble moiety. The composition, solubility properties, location and relative sizes of these dissimilar groups in relation to the over all molecular configuration determine the surface activity of a compound. Emulsifiers are classified on the basis of their hydrophilic or solubilizing groups in to four categories – anionics, non-ionics, cationics, and amphoteric. The present book contains manufacturing processes of various types of emulsifiers which have applications in different industries. This is a book for scientists, technologists, entrepreneurs and ingredients suppliers.

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## [CHEMICAL DIRECTORY/DATABASE OF INDIA](#)

**Format:** CD-Rom

**Book Code:** NID113

**Price: Rs. 4,412.00 US\$ 250.00**



Contains: Over 60,000 records with Addresses Includes Company Name, Full Postal Address, City, State, Pin Code, Phone (100%), Mobile (1865) Fax\*, E-mail (59000), Website Address (23000) (\*Where ever Available), Activity/Product. Format: MS Excel

## [The Complete Technology Book on Industrial Adhesives](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Hardcover

**Book Code:** NI208

**Pages:** 592

**ISBN:** 9788178330396

**Price:** Rs. 1,675.00 US\$ 150.00



Adhesives were utilized in a sophisticated manner even in ancient times. Recent years have seen the rapid development of adhesive bonding as an economic and effective method for the fabrication of components and assemblies. The great many types of adhesives are currently in use and there is no adequate single system of classification for all products. The adhesives industry has generally employed classifications based on end use, such as metal to metal adhesives, wood adhesives, general purpose adhesives, paper and packaging adhesives etc. The present book covers the manufacturing processes of different industrial adhesives with their formulae. It is hoped that the book can serve to new entrepreneurs, technocrats and existing units to the technology of adhesive and guide them to a useful understanding of the wide variety of adhesives which exist today.

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## [Biopesticides Handbook](#)

**Author:** NPCS Board of Consultants & Engineers

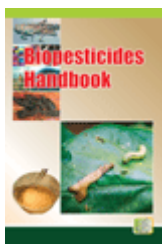
**Format:** Hardcover

**Book Code:** NI210

**Pages:** 544

**ISBN:** 9788178330419

**Price:** Rs. 1,575.00 US\$ 150.00



Agricultural pesticides, properly used, are essential in supplying the food requirements of the world's ever growing population. The use of synthetic pesticides affects the health of human being. The indiscriminate use of pesticides has adversely affected the health of the soil. The residual pesticides in the soil not only affect the soil quality but also the water quality, as they get leached into the ground water. Due to these reasons, role of biopesticides are very important for sustainable agriculture. The use of biopesticides for sustainable agriculture is a complex issue that at times is difficult to comprehend and plan. This is the first book of its kind which provides different parameters for manufacturing of biopesticides. The book will not only be useful for new entrepreneurs but will also help the technocrats, research scholars and those who willing to know more about biopesticides.

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## [Selected Formulary Book on Petroleum, Lubricants, Fats, Polishes, Glass, Ceramics, Nitrogenous Fertilizers, Emulsions, Leather and Insecticides](#)



**Author:** NPCS Board of Consultants & Engineers

**Format:** Hardcover

**Book Code:** NI211

**Pages:** 784

**ISBN:** 9788190568562

**Price:** Rs. 2,275.00 **US\$** 200.00



Formulation is a key process in the overall life cycle so that products are delivered that is of the right quality, at a competitive cost, and is made available within the specified time scale. This book present several hundred advanced product formulations for household, industrial and other applications. This book will be of help to development chemists looking for leads in the formulation of a wide range of products.

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## [The Complete Book on Organic Farming and Production of Organic Compost](#)

**Author:** NPCS Board of Consultants & Engineers

**Format:** Hardcover

**Book Code:** NI213

**Pages:** 448

**ISBN:** 9788178330433

**Price:** Rs. 1,275.00 **US\$** 125.00



India is an agro based country. It ranks 2nd in agricultural products manufacturing in the world. So organic farming plays an important role in agro field. India has many natural resources of various organic compounds and so it is an excellent opportunity to produce sufficient quantity of organic foods to meet the global demand. There is a bright future for organic farming to export its quality product. Organic farming is a form of agriculture that excludes the use of synthetic fertilizers and pesticides, plant growth regulators, livestock feed additives, and genetically modified organisms. Organic farming is not new to Indian farming community. Several forms of organic farming are being successfully practiced in diverse climate, particularly in rain fed, tribal, mountains and hill areas of the country. The popularity of organic farming is gradually increasing and now organic agriculture is practiced in almost all countries of the world, and its share of agricultural land and farms is growing. The present book contains the organic farming management, production and uses of various organic compounds, which are well known and also for agriculture for their worldwide use. Compost serves as a growing medium, or a porous, absorbent material that holds moisture and soluble minerals, providing the support and nutrients in which most plants will flourish. Use of organic manure is extremely essential for better crop productivity and maintaining the fertility of soil to ensure sustainable production

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## [The Complete Book on Rubber Chemicals](#)

**Author:** NPCS Board of Consultants & Engineers

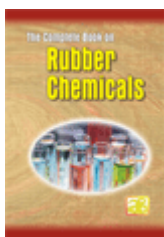
**Format:** Paperback

**Book Code:** NI220

**Pages:** 672

**ISBN:** 9788178330495

**Price: Rs. 1,575.00 US\$ 150.00**



Rubber is the most fascinating material known to mankind both on account of its range of applications in every day life, defence and civilian purposes and its behaviour under the most diverse conditions of applications. For rubber processing and compounding certain chemicals are required. The primary requirement of adding different compounding ingredients to develop the different grades of rubber compounds to meet various service needs at an economic price and to provide certain desired physical properties to a considerable extent. The book covers processes of different rubber chemicals like waxes, synthetic organic chemicals, amines, silicones resins, releasing agents, stabilizers, solvents and many more. Having in view of importance of chemicals in rubber industry, we have brought out this book which will help a lot to rubber chemical manufacturers, technocrats, researchers, consultants and new entrepreneurs.

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## [Handbook on Cosmetics \(Processes, Formulae with Testing Methods\)](#)

**Author:** S.K. Singh

**Format:** Paperback

**Book Code:** NI224

**Pages:** 688

**ISBN:** 9788178330570

**Price: Rs. 1,675.00 US\$ 150.00**



Cosmetics products are created for application on the body for the purpose of cleansing, beautifying or altering appearance and enhancing attractive features. Cosmetics have become a range and are considered to be essential commodities of life. The role of cosmetics in everyday life met greater acceptability. It was realized by social and medical scientists that cosmetics not only adore but they exercise psychological effect on users and especially on the skin. The cosmetic Industry has witnessed rapid growth over the last couple of decades. In today's time the range of cosmetic and beauty products has widened tremendously. The use of cosmetics has increased exponentially not only among in females but the male population also indulges in their use. The book covers formulae, manufacturing processes of various types of cosmetics like antiperspirants and deodorants, cleaning creams, lotions, emollient creams, baby toiletries, face powder, eye makeup's and many more along with testing methods. This book will be great asset to new entrepreneurs, existing units, technocrats and technical institutions.

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## [The Complete Book on Gums and Stabilizers for Food Industry](#)



**Author:** H. Panda

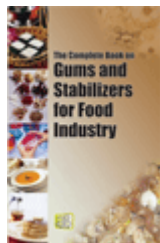
**Format:** Paperback

**Book Code:** NI231

**Pages:** 480

**ISBN:** 9788178330594

**Price:** Rs. 1,275.00 **US\$** 125.00



Gums are plant flours (like starch or arrowroot) that make foods & other products thick. Gums are used in foods for many reasons besides being used as a thickener. Gums are important ingredient in producing food emulsifier, food additive, food thickener & other gum products.

India is the largest producer of gums specially guar gum products. Similarly stabilizers are an indispensable substance in food items when added to the food items, they smoothen uniform nature and hold the flavouring compounds in dispersion. Gum technology stabilizers are carefully controlled blends of various food ingredients. The science and technology of hydrocolloids used in food and related systems has seen many new developments and advances over recent years. The breadth and depth of knowledge of gums and stabilizers has increased tremendously over the last two decades, with researchers in industry and academia collaborating to accelerate the growth. This book contains rheology of gums, plant sheet gums, microbial gums, cellulose gums and synthetic hydrocolloids different stabilizers used in food industry. The book will be very helpful to all its readers, new entrepreneurs, scientist, food technologist, food industries etc.

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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. Its various services are: Pre-feasibility study, New Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Preparation of Project Profiles and Pre-Investment and Pre-Feasibility Studies, Market Surveys and Studies, Preparation of Techno-Economic Feasibility Reports, Identification and Selection of Plant and Machinery, Manufacturing Process and or Equipment required, General Guidance, Technical and Commercial Counseling for setting up new industrial projects and industry.

NPCS also publishes various technology books, directory, databases, detailed project reports, market survey reports on various industries and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by Indian and overseas professionals including project engineers, information services bureau, consultants and consultancy firms as one of the input in their research.

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