

Industrial Chemicals Manufacturing

(Iodine, Lactic Acid, Chlorine, Caustic Soda, Nitrofurans, Organic Chemicals, Paint, Varnishes, Resins, Petroleum, Pigments, Polymer, Printing Inks, Potassium Borohydride, P-Xylene, Sulfuric Acid)

Introduction

Growth in demand for chemicals in developing countries is high leading to substantial cross border investment in the chemical sector. The chemical industry comprises the companies that produce industrial chemicals. Chemicals are used to make a wide variety of consumer goods, as well as thousands inputs to manufacturing, construction, and service industries. The applications of industrial chemical are in various fields like in organic chemicals, paint, varnishes, resins, petroleum, pigments, printing inks, acrylics polyesters engineering thermoplastics. The chemical industry itself consumes 26 percent of its own output. In modern age chemical industries have permeated most extensively in comparison with other industries and are progressing at a very rapid pace.

Chemical industry is one of the oldest industries in India. It not only plays a crucial role in meeting the daily needs of the common man, but also contributes significantly towards industrial and economic growth of the nation. The chemical industry forms the backbone of the industrial and agricultural development and

provides building blocks for downstream industries; it is an important constituent of the Indian economy. The chemical industry in India which generates almost 13% of total national export is growing annually at a growth rate anywhere between 10% and 12%. Global chemical production is growing and the growth is contributed by the chemical industry of developing countries.

The book contains manufacturing processes, reactions, equipments details, process flow diagram of number of chemicals, which have huge industrial uses. The major contents of the book are iodine from oil well brines, lactic acid from corn sugar, modern production of chlorine and caustic soda, organic chemicals, chemicals derived from methane and so on.

India emerges as one of the focus destinations for chemical companies worldwide. With the current size of approximately \$108 billion , the Indian chemical industry accounts for .3% of the global.

chemical industry. Two distinct scenarios for the future emerge, based on how effectively the industry leverages its strengths and manages challenges. In the base case scenario, with current initiatives of industry & government, the Indian chemical industry could grow at 11% p.a. to reach size of \$224 billion by 2017. However, the industry could aspire to grow much more and its growth potential is limited only by its aspirations. In such an optimistic scenario, high end-use demand based on increasing per capita consumption, improved export competitiveness and resultant growth impact for each sub-sector of the chemical industry could lead to an overall growth rate of over 15% p.a. and a size of \$290 billion by 2017 (.6% of global industry). This has a potential for further upside in the future considering India's increasing competitiveness in manufacturing.

The Indian chemical industry is an integral component of the Indian economy and has the potential to grow at 9 per cent per annum to reach \$214 billion by 2019. Key imperatives for the

growth of chemical industry are to secure feedstock, right product mix and identify partnership opportunities to gain capital and technology support.

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.

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- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
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Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

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Report Compilation

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- *Public-sector Companies*
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- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
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- *Leisure & Entertainment Based Projects*
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- *Paints, Pigments, Varnish & Lacquer*
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- *Perfumes, Cosmetics And Flavours*
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- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

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