

Hydrogen Peroxide

(H₂O₂)

Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Introduction

Hydrogen peroxide is an inorganic, weak acid. It is a powerful oxidizing agent. It is also a good reducing agent against more powerful oxidizing agents. On reaction, it releases oxygen and water. Thus, it is nonpolluting in nature, unlike many other oxidizing agents.

Hydrogen peroxide market has been witnessing strong growth over the past few years on account of increasing demand from paper & pulp industries. This trend is expected to continue over the forecast period. Additionally, demand for hydrogen peroxide is anticipated to grow on account of growing application scope in the chemical industry over the next six years.

In addition, increasing use of hydrogen peroxide in pharmaceutical and personal care products is likely to drive its market over the projected period.

During 2014-2019, the hydrogen peroxide market is expected to undergo significant change. Pulp and paper is not expected to continue to be the growth engine for hydrogen peroxide consumption. The change from print to digital media has been occurring for some years, and it had been expected that this trend would result in decreasing paper consumption. By 2019, downstream chemical uses are expected to make up the largest part of hydrogen peroxide consumption globally. The single most important use of hydrogen peroxide in this segment is the production of propylene oxide via the HPPO process.

The global hydrogen peroxide market is exhibiting a CAGR of 5.60% from 2015 to 2023. The 2014 global hydrogen peroxide market was recorded to be valued at \$3.7 billion, which is expected to rise to \$6 billion by the end of 2023.

More than 40% of the demand from the global hydrogen peroxide market in 2014 was taken up by the paper and pulp industry. Considering the extensive use of hydrogen peroxide as a bleaching agent in the paper and pulp industry, the growth in demand for paper and pulp will consequently spell growth for the global hydrogen peroxide market.

Hydrogen peroxide (H_2O_2) is an oxidant commonly used as bleach. It is the simplest peroxide. Hydrogen peroxide is a clear liquid slightly more viscous than water that appears colourless in dilute solution. It is used as a disinfectant, antiseptic, oxidizer and in rocketry as a propellant. The oxidizing capacity of hydrogen peroxide is so strong that it is considered a highly reactive oxygen species. For producing hydrogen peroxide natural gas is a feed stock. End user industries are landfills, oil refining, mining, textiles, power producers, potable water, chemicals and resins, food processing, electronics, pulp and paper and many more. Due to its multiple uses the demand is growing day by day. Any entrepreneur venture in to this field will be successful.

Reasons for buying the report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**

Our Approach:

- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Hydrogen Peroxide” provides an insight into the Hydrogen Peroxide market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Hydrogen Peroxide project. The report assesses the market sizing and growth of the Indian Hydrogen Peroxide Industry. 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. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Hydrogen Peroxide sector in India along with its business prospects. Through this report we have identified Hydrogen Peroxide project as a lucrative investment avenue.

Few Indian Major Players are as under

Asian Peroxide Ltd.

Gujarat Alkalies & Chemicals Ltd.

National Peroxide Ltd.

Omni Dye Chem Exports Ltd.

Shubham Chemicals & Solvents Ltd.

Swastic Corporation Ltd.

Project at a Glance

Capacity	:	3000 MT/Annum
Plant & Machinery	:	710 Lakhs
Total Capital Investment	:	1355 Lakhs
Rate of Return	:	37%
Break Even Point	:	47%

Major Queries/Questions Answered in the Report?

- 1. What is Hydrogen Peroxide industry ?**
- 2. How has the Hydrogen Peroxide industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of a Hydrogen Peroxide Plant ?**
- 4. What are the requirements of Working Capital for setting up a Hydrogen Peroxide plant ?**

- 5. What is the structure of the Hydrogen Peroxide Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Hydrogen Peroxide plant ?**
- 7. What are the operating costs for setting up a Hydrogen Peroxide plant ?**
- 8. What are the machinery and equipment requirements for setting up a Hydrogen Peroxide plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Hydrogen Peroxide plant ?**
- 10. What are the requirements of raw material for setting up a Hydrogen Peroxide plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a Hydrogen Peroxide plant ?**
- 12. What is the Manufacturing Process and Formulations of a Hydrogen Peroxide plant ?**

- 13. What is the total size of land required for setting up a Hydrogen Peroxide plant ?**
- 14. What will be the income and expenditures for a Hydrogen Peroxide plant ?**
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can provide Detailed Project Report on
Hydrogen Peroxide

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Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Technology Books and Directory*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *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*
- *We use authentic & reliable sources to ensure business precision*

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

Sectors We Cover Cont...

- *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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