Fatty Alcohol Manufacturing Business.

Production of Long-chain alcohol (Fatty Alcohol).

Profitable Business Opportunities in Oleochemicals Business
Introduction

Fatty alcohols are commonly derived from natural oil and fat found in animals and plants or prepared synthetically. They are aliphatic alcohols used in detergents, cosmetics, pharmaceuticals, etc. In cosmetics formulations fatty alcohol is used as a thickener, emulsifier, and emollients. Fatty alcohols can be divided into natural and artificial. All natural fatty alcohols are based on soya bean oil, palm oil, coconut oil, and others. For production of fatty alcohol - three methods can be used such as wax Easter route, Easter route, and acid route.
The fatty alcohol is derived from fatty acids and forms the basic building blocks of products like soaps, shampoos, and cosmetics among others. The fatty alcohols are colorless oily liquids or solid wax substances that are widely used in making cleaning products. They are amphipathic in nature and act as non-ionic surfactants. The fatty alcohols are mainly being used as emulsifiers, thickeners, emollients, and lubricating agents across different industries.
The main application areas for fatty alcohols are detergents and soaps, personal care and others. Increasing concerns regarding the effect of petrochemicals use on the environment have driven the use of bio-based, sustainable chemicals. The industry has started adopting biodegradable products and base chemicals through bio-based raw materials for the reduction of its reliance on petrochemicals and to decrease carbon footprint. Regulations regarding the environmental hazards associated with petrochemical-based products are expected to drive the market adoption. Also, increasing demand for personal care products and detergents & soaps in developing regions is estimated to drive the adoption of fatty alcohols during the forecast period.
Fatty alcohol is used as an emulsifier, thickeners, emollients and lubricating agent. These vital features and aspects of fatty alcohol increases its overall market value as a chemical product. Applications segment the global fatty alcohol market into personal care, amines, soaps & detergents, lubricants and others. Global fatty alcohol market is further classified by products into C6-C10 fatty alcohols, C11-C14 fatty alcohols and C15-C22 fatty alcohols.

**Market Outlook**

Fatty alcohol market size is anticipated to be valued at over USD 7.5 billion by 2023. Favorable government initiatives accompanied by consumer shift towards natural products is likely to fuel demand over the forecast period.
Increasing demand for fatty acids, coupled with increasing number of surfactant based industries are major factors driving growth of the global fatty alcohol market. Increasing number of personal care products, detergents, soaps, oil, etc. companies is also resulting into increasing usage of fatty alcohols. Abundant availability of raw materials at low cost in emerging economies is another factor fueling growth of the global market. Furthermore, increasing population and rising demand for cosmetics, cleaning products, gas, etc. are factors expected to boost growth of the global fatty alcohols market in the near future.
The various application areas, the segment of detergents and soaps is expected to account for a massive, dominating share in the global fatty alcohols market during the assessment period. However, the uptake of fatty alcohols is likely to rise at substantial pace in the personal care industry. This is attributed to the rising use of emollients and emulsifiers in personal care products.

The demand for fatty alcohols has witnessed a rapid worldwide demand by the rising use of fatty alcohols in the making of soaps and detergents. Rapid strides being made by the personal care and cosmetics industries in emerging economies have been imparting a big impetus to the expansion of the fatty alcohols market. Moreover, the rising use of fatty alcohols in manufacturing plasticizers, flavors and fragrance, and lubricants, is accentuating the growth.
In this regard, C15-C22 fatty alcohols are extensively used in lubricants and moisturizers. In addition, C11-C14 type is used in the making of key foaming agents, notably sodium lauryl ether sulfates.

However, in recent years, glut of fatty alcohols in various parts of the world is a key factor hindering the growth of the global market. Moreover, the volatility of raw materials prices has adversely affected the prospect of the fatty alcohols market.
Global Fatty Alcohols Market Volume by Product, 2012 - 2022 (Kilo Tons)
Modern lifestyle and awareness among consumer groups in developed as well as developing economies regarding the use of personal care products is a prominent factor to upsurge the growth of global fatty alcohol market. Biodegradable nature of fatty alcohol which helps maintain ecological balance is a significant factor empowering the global fatty acid market. Rising demand for detergents, surfactants and lubricants is expected to drive this market for the forecast period. End user industries like food and oil industries are expected to open new opportunities for the global fatty alcohol market. Expensive raw material cost is holding up the growth of global fatty alcohol market.
The global fatty alcohol market is divided based on type, application, and region. Type is segmented into the short chain, long chain, pure & mid-cut, and higher chain. Based on application, the market is segmented into personal care, plasticizers, industrial & domestic cleaning, lubricants, pharmaceutical formulation, food & nutrition, and others.
Fatty Alcohol Market Revenue, 2015-2021 ($ Million)
Geographically, the market has been segmented into Asia-Pacific, North America, South America, Middle East & Africa and Europe. Asia-Pacific is expected to dominate the market in the forecast period, due to the rising disposable income, increasing population and growing demand for fatty alcohols in various industries.
Global Fatty Alcohol Market, By Region, By Value, 2013-2023F
Major leaders of the world Fatty Alcohols market are:

Oleochemicals Industry in India

Fatty acids control a lion’s share in the India oleochemicals market on account of large requirement for distilled fatty acids and polyunsaturated acids, which are essential in the production of soaps, personal care products, detergents, lubricants, surfactants, etc.

Oleochemicals are industrially produced chemicals derived from animal fats or vegetable oils. Since oleochemicals are less toxic as compared to conventional petrochemical products, various end use industries such as those engaged in manufacturing of personal care products, detergents, soaps and agrochemicals, are substituting their requirement for petrochemicals with oleochemicals.
India oleochemicals market is projected to cross US$2.6 billion by 2025. India oleochemicals market has been segmented into five categories namely - fatty acids, fatty alcohols, glycerin, fatty acid methyl esters and fatty amines. Robust growth in India oleochemicals market can be attributed to the increasing demand for naturally derived raw materials for personal care and soaps industry. Rising consumer spending on green products and increasing awareness regarding the harmful effects of chemicals used in cosmetic products has resulted in an upsurge in preference for oleochemicals in the country, especially over the last few years.
However, the fastest growth in India oleochemicals market over the next ten years is anticipated to be exhibited by methyl esters and fatty amines, which are increasingly being used in the agrochemicals sector. West region controls the largest share in India oleochemicals market on account of strong presence of soaps and detergent manufacturing industries in the region.

Few of key players involved in India oleochemicals market include VVF(India) Limited, Godrej Industries Limited, 3F Industries Limited, Jocil Limited, Indo Amines Ltd., Universal Biofuels Limited, Oil Base India and Oleochem India Private Limited.
Machinery Photographs

Reaction Kettle

Agitator
Heat Exchanger

Pressure Filter
## Project at a Glance

<table>
<thead>
<tr>
<th>Cost of Project</th>
<th>Means of Finance</th>
</tr>
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<tbody>
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## Project at a Glance

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<th>Retained Earnings</th>
<th>Payout Probable Market Price</th>
<th>P/E Ratio</th>
<th>Yield Price/Book Value</th>
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<td>CEPS</td>
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<td>Per Share</td>
<td>%</td>
<td>Per Share</td>
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## Project at a Glance

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<th>Debt / Deposits Debt</th>
<th>Equity as Equity</th>
<th>Total Net Worth</th>
<th>Return on Net Worth</th>
<th>Profitability Ratio</th>
<th>Assets Turnover Ratio</th>
<th>Current Ratio</th>
</tr>
</thead>
<tbody>
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<td>Individually</td>
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<td>0.00</td>
<td>0.00</td>
<td>3.29</td>
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GPM: Gross Profit Margin
PBT: Proforma Basic Earnings
PAT: Proforma After Tax
Net Contribution
P/V Ratio: Price to Earnings Ratio
## Project at a Glance

### BEP

<table>
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<td>BEP - Maximum Utilisation Year</td>
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<tr>
<td>Cash BEP (% of Installed Capacity)</td>
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<tr>
<td>Total BEP (% of Installed Capacity)</td>
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<tr>
<td><strong>IRR, PAYBACK and FACR</strong></td>
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<tr>
<td>Internal Rate of Return (In %age)</td>
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<tr>
<td>Payback Period of the Project is (In Years)</td>
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<td>Fixed Assets Coverage Ratio (No. of times)</td>
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<tr>
<td>Question</td>
<td>Answer</td>
</tr>
<tr>
<td>-------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1. What is Fatty Alcohol Manufacturing industry?</td>
<td></td>
</tr>
<tr>
<td>2. How has the Fatty Alcohol Manufacturing industry performed so far and how will it perform in the coming years?</td>
<td></td>
</tr>
<tr>
<td>3. What is the Project Feasibility of Fatty Alcohol Manufacturing Plant?</td>
<td></td>
</tr>
<tr>
<td>4. What are the requirements of Working Capital for setting up Fatty Alcohol Manufacturing plant?</td>
<td></td>
</tr>
</tbody>
</table>
5. What is the structure of the Fatty Alcohol Manufacturing Business and who are the key/major players?

6. What is the total project cost for setting up Fatty Alcohol Manufacturing Business?

7. What are the operating costs for setting up Fatty Alcohol Manufacturing plant?

8. What are the machinery and equipment requirements for setting up Fatty Alcohol Manufacturing plant?
9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Fatty Alcohol Manufacturing plant?

10. What are the requirements of raw material for setting up Fatty Alcohol Manufacturing plant?

11. Who are the Suppliers and Manufacturers of Raw materials for setting up Fatty Alcohol Manufacturing Business?

12. What is the Manufacturing Process of Fatty Alcohol?
13. What is the total size of land required for setting up Fatty Alcohol Manufacturing plant?

14. What will be the income and expenditures for Fatty Alcohol Manufacturing Business?

15. What are the Projected Balance Sheets of Fatty Alcohol Manufacturing plant?

16. What are the requirement of utilities and overheads for setting up Fatty Alcohol Manufacturing plant?

17. What is the Built up Area Requirement and cost for setting up Fatty Alcohol Manufacturing Business?
18. What are the Personnel (Manpower) Requirements for setting up Fatty Alcohol Manufacturing Business?

19. What are Statistics of Import & Export for Fatty Alcohol?

20. What is the time required to break-even of Fatty Alcohol Manufacturing Business?

21. What is the Break-Even Analysis of Fatty Alcohol Manufacturing plant?

22. What are the Project financials of Fatty Alcohol Manufacturing Business?
23. What are the Profitability Ratios of Fatty Alcohol Manufacturing Project?

24. What is the Sensitivity Analysis-Price/Volume of Fatty Alcohol Manufacturing plant?

25. What are the Projected Pay-Back Period and IRR of Fatty Alcohol Manufacturing plant?

26. What is the Process Flow Sheet Diagram of Fatty Alcohol Manufacturing project?
27. What are the Market Opportunities for setting up Fatty Alcohol Manufacturing plant?

28. What is the Market Study and Assessment for setting up Fatty Alcohol Manufacturing Business?

29. What is the Plant Layout for setting up Fatty Alcohol Manufacturing Business?
# Table of Contents of the Project Report

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1. PROJECT LOCATION
1.1. STATE PROFILE & GEOTECHNICAL SITE CHARACTERIZATION
1.1.1. General
1.1.2. Culture & Lifestyle
1.1.3. Music & Dance
1.1.4. Festivals
1.1.5. Land
1.1.6. Map
1.1.7. Plant and Animal Life
1.1.8. Population
1.1.9. Economy
1.1.10. Resources and Power
1.1.11. Health and Welfare
1.1.12. Transport

2. INTRODUCTION

3. PRODUCTION AND OCCURRENCE
3.1. NATURAL SOURCES
3.2. PETROCHEMICAL SOURCES

4. PROPERTIES
4.1. CHEMICAL PROPERTIES
4.2. PHYSICAL PROPERTIES

5. TYPES OF FATTY ACID FROM COCONUT OIL
6. ADVANTAGES OF METHYL ESTERS

7. USES & APPLICATIONS

8. B.I.S. SPECIFICATION
8.1. IS 12069: COCONUT FATTY ACIDS
8.2. IS 13370: LINEAR FATTY ALCOHOLS FOR SURFACE ACTIVE AGENTS
8.3. IS 13658: POLYGLYCEROL ESTERS OF FATTY ACIDS, FOOD GRADE
8.4. IS 16079: PART 1-ANIMAL FEEDING STUFFS- DETERMINATION OF THE CONTENT OF FATTY ACIDS PART 1 PREPARATION OF METHYL ESTERS
8.5. IS 6797: METHYL ESTER OF BETA-APO-8-CAROTENOIC ACID
8.6. IS 4737: CHROMITE FOR CHEMICAL INDUSTRIES

9. MARKET SURVEY

10. EXPORT & IMPORT: ALL COUNTRIES
10.1. EXPORT: ALL COUNTRIES
10.2. IMPORT: ALL COUNTRIES

11. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES
11.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE
11.2. PROFITS & APPROPRIATIONS
11.3. TOTAL LIABILITIES
11.4. TOTAL ASSETS
11.5. NET CASH FLOW FROM OPERATING ACTIVITIES
11.6. SECTION – I
11.6.1. Name of Company with Contact Details
11.6.2. Name of Director(S)  
11.6.3. Plant Capacity  
11.6.4. Credit Ratings  
11.6.5. Location of Plant  
11.6.6. Name of Raw Material(S) Consumed With Quantity & Cost  

11.7. SECTION – II  
11.7.1. Assets  
11.7.2. Cash Flow  
11.7.3. Cost as % Ge of Sales  
11.7.4. Growth in Assets & Liabilities  
11.7.5. Growth in Income & Expenditure  
11.7.6. Income & Expenditure  
11.7.7. Liabilities  
11.7.8. Liquidity Ratios  
11.7.9. Profitability Ratio  
11.7.10. Profits  
11.7.11. Return Ratios  
11.7.12. Structure of Assets & Liabilities (%)  
11.7.13. Working Capital & Turnover Ratios  

12. COMPANY PROFILE OF MAJOR PLAYERS  

13. EXPORT & IMPORT STATISTICS OF INDIA  
13.1. EXPORT STATISTICS FOR FATTY ALCOHOL  
13.2. IMPORT STATISTICS FOR FATTY ALCOHOL  

14. PRESENT MANUFACTURERS
15. HEALTH & SAFETY
15.1. HUMAN HEALTH
15.2. ENVIRONMENT
15.3. AQUATIC ORGANISMS

16. THE ROLE OF COCONUT OIL IN THE OLEOCHEMICAL
16.1. FATTY ACID COMPOSITION OF COCONUT AND PALM KERNEL OILS
16.2. METHYL ESTERS

17. MANUFACTURING PROCESS
17.1. HYDROGENATION STEP
17.2. DISTILLATION STEP
17.3. RECOVERY STEP

18. PROCESS FLOW DIAGRAM

19. BUYER’S LIST
19.1. CONTACT DETAILS OF BUYER’S
19.2. NAME OF DIRECTOR(S)
19.3. CREDIT RATINGS
19.4. PLANT CAPACITY
19.5. LOCATION OF PLANT
19.6. COMPANY WISE CONSUMPTION DETAIL OF THE RAW MATERIALS

20. QUALITY SPECIFICATIONS
20.1. STORAGE AND TRANSPORTATION
21. ECOTOXICOLOGY AND TOXICOLOGY
21.1. ECOTOXICOLOGY/ENVIRONMENTAL PROPERTIES
21.2. TOXICOLOGY
21.3. SAFETY
21.3.1. Hazards identification
21.3.2. First Aid Measures
21.3.3. Fire Fighting Measures

22. WASTE WATER TREATMENT PROCESSES
22.1. OXIDATION DITCH AND ACTIVATED SLUDGE
22.2. ROTATING BIOLOGICAL CONTACTOR (RBC)
22.3. SEQUENCING BATCH REACTOR (SBR)

23. LICENSE REQUIRED
23.1. PROVISIONAL REGISTRATION
23.2. PERMANENT/FINAL REGISTRATION
23.3. FACTORY LICENCE

24. SUPPLIERS OF PLANT & MACHINERY

25. SUPPLIERS OF RAW MATERIAL

26. PHOTOGRAPHS/IMAGES FOR REFERENCE
26.1. PRODUCT PHOTOGRAPHS
26.2. MACHINERY PHOTOGRAPHS
26.3. RAW MATERIAL PHOTOGRAPHS

27. PLANT LAYOUT
Project Financials

• Project at a Glance

• Assumptions for Profitability workings

• Plant Economics

• Production Schedule

• Land & Building

Factory Land & Building
Site Development Expenses

Annexure
• Plant & Machinery.................................................................5
  Indigenous Machineries
  Other Machineries (Miscellaneous, Laboratory etc.)

• Other Fixed Assets...................................................................6
  Furniture & Fixtures
  Pre-operative and Preliminary Expenses
  Technical Knowhow
  Provision of Contingencies

• Working Capital Requirement Per Month.................................7
  Raw Material
  Packing Material
  Lab & ETP Chemical Cost
  Consumable Store

www.entrepreneurindia.co
• Overheads Required Per Month and Per Annum………………..8
Utilities & Overheads (Power, Water and Fuel Expenses etc.)
Royalty and Other Charges
Selling and Distribution Expenses

• Salary and Wages ……………………………………………………………9

• Turnover Per Annum ………………………………………………………10

• Share Capital……………………………………………………………11

    Equity Capital
    Preference Share Capital
• Annexure 1 :: Cost of Project and Means of Finance
• Annexure 2 :: Profitability and Net Cash Accruals

- Revenue/Income/Realisation
- Expenses/Cost of Products/Services/Items
- Gross Profit
- Financial Charges
- Total Cost of Sales
- Net Profit After Taxes
- Net Cash Accruals
• Annexure 3 :: Assessment of Working Capital requirements

- Current Assets
- Gross Working Capital
- Current Liabilities
- Net Working Capital
- Working Note for Calculation of Work-in-process

• Annexure 4 :: Sources and Disposition of Funds
• Annexure 5 :: Projected Balance Sheets
  ▪ ROI (Average of Fixed Assets)
  ▪ RONW (Average of Share Capital)
  ▪ ROI (Average of Total Assets)

• Annexure 6 :: Profitability Ratios
  ▪ D.S.C.R
  ▪ Earnings Per Share (EPS)
  ▪ Debt Equity Ratio
Annexure 7 :: Break-Even Analysis

- Variable Cost & Expenses
- Semi-Variable/Semi-Fixed Expenses
- Profit Volume Ratio (PVR)
- Fixed Expenses / Cost
- B.E.P
Annexure 8 to 11 :: Sensitivity Analysis - Price/Volume

- Resultant N.P.B.T
- Resultant D.S.C.R
- Resultant PV Ratio
- Resultant DER
- Resultant ROI
- Resultant BEP
• Annexure 12 :: Shareholding Pattern and Stake Status
  ▪ Equity Capital
  ▪ Preference Share Capital
• Annexure 13 :: Quantitative Details-Output/Sales/Stocks
  ▪ Determined Capacity P.A of Products/Services
  ▪ Achievable Efficiency/Yield % of Products/Services/Items
  ▪ Net Usable Load/Capacity of Products/Services/Items
  ▪ Expected Sales/ Revenue/ Income of Products/ Services/ Items
• Annexure 14 :: Product wise Domestic Sales Realisation
• Annexure 15 :: Total Raw Material Cost
• Annexure 16 :: Raw Material Cost per unit
• Annexure 17 :: Total Lab & ETP Chemical Cost
• Annexure 18 :: Consumables, Store etc.
• Annexure 19 :: Packing Material Cost
• Annexure 20 :: Packing Material Cost Per Unit
<table>
<thead>
<tr>
<th>Annexure</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>Employees Expenses</td>
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<td>Repairs &amp; Maintenance Expenses</td>
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<td>Other Manufacturing Expenses</td>
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<td>Administration Expenses</td>
</tr>
<tr>
<td>28</td>
<td>Selling Expenses</td>
</tr>
</tbody>
</table>
• Annexure 29 :: Depreciation Charges – as per Books (Total)
• Annexure 30 :: Depreciation Charges – as per Books (P & M)
• Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)
• Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)
• Annexure 33 :: Interest and Repayment - Term Loans
• Annexure 34 :: Tax on Profits
• Annexure 35 :: Projected Pay-Back Period and IRR
Reasons for Buying our 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.

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Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Fatty Alcohol.” provides an insight into Fatty Alcohol market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Fatty Alcohol project. The report assesses the market sizing and growth of the Indian Fatty Alcohol 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:
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 Fatty Alcohol sector in India along with its business prospects. Through this report we have identified Fatty Alcohol project as a lucrative investment avenue.
#Fatty_Alcohol, #Production_of_Fatty_Alcohols, Process for Production of Fatty Alcohols, #Fatty_Alcohol_Manufacturing_Plant, Fatty Alcohol Industry in India, Setting up Fatty Alcohol Manufacturing Unit, Fatty Alcohol Business, #How_to_Start_Industrial_Alcohol_Manufacturing_Business, Fatty Alcohol Making Process, Fatty Alcohol Manufacture, Manufacturing of Fatty Alcohol, #Fatty_Alcohol_Plant, Process for Producing Fatty Alcohols, Fatty Alcohols Manufacturing, Long-Chain Alcohols, Fatty Alcohol Production Process, Fatty Alcohol Production Plant, Production, Properties, and Uses of Fatty Alcohols, Fatty Alcohol Production Business, #Fatty_Alcohol_Formula, Process for Manufacturing of Fatty Alcohols, #Project_Report_on_Fatty_Alcohols_Manufacturing_Industry, Detailed Project Report on Fatty Alcohols Manufacturing, Project Report on Fatty Alcohol Production, Pre-Investment Feasibility Study on Fatty Alcohol Production, #Techno_Economic_feasibility_study_on_Fatty_Alcohols_Manufacturing, Feasibility report on Fatty Alcohol Production, #Free_Project_Profile_on_Fatty_Alcohol_Production, Project profile on Fatty Alcohol Production, Download free project profile on Fatty Alcohol Production, #Oleochemicals_Industry_in_India, India Oleochemicals, Oleo Chemicals, Production of Oleochemicals, Oleochemical Industry, Oleochemicals Manufacturing, Oleochemical Production Process, Oleochemical Manufacture, Oleochemical Manufacture and Applications Pdf, Manufacturing of Oleochemicals, Production of Long-chain Alcohols
Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Fatty Alcohol Manufacturing Business. Production of Long-chain alcohol (Fatty Alcohol).

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NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the 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

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as 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, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

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 India along with its business prospects......Read more
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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.
We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.
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What do we offer?

- Project Identification
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- Market Research Reports
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- Technology Books and Directory
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- 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
Contact us

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