

Fatty Alcohol Manufacturing Business.

**Production of Long-chain alcohol (Fatty
Alcohol).**

**Profitable Business Opportunities in Oleochemicals
Business**



[NPCS/4774/23487]

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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 Ester route, Ester 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.

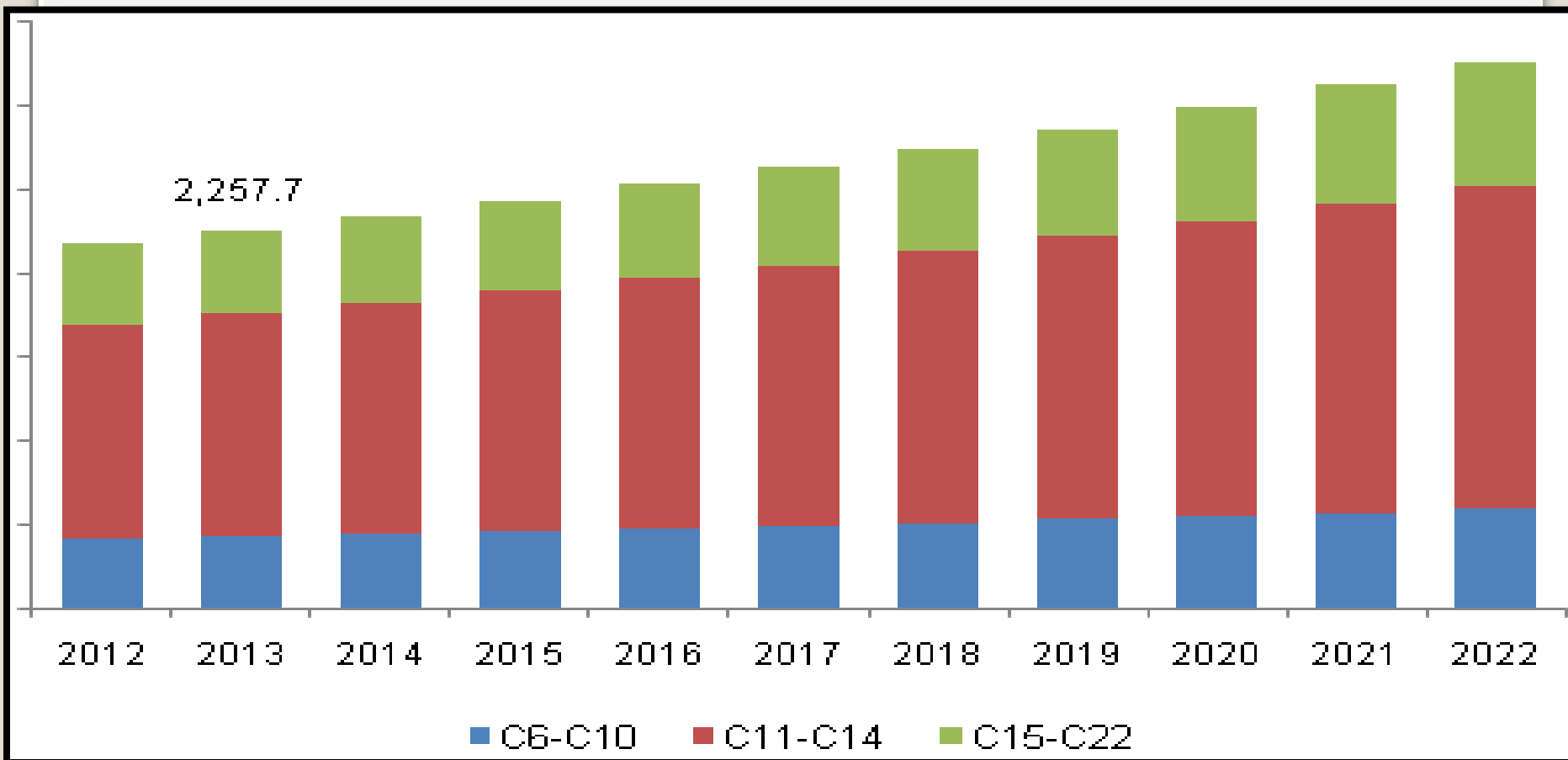
The demand for fatty alcohols has witnessed a rapid worldwide demand by the rising use of fatty alcohols in the making of soaps and detergents. Rapid strides being made by the personal care and cosmetics industries in emerging economies have been imparting a big impetus to the expansion of the fatty 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)

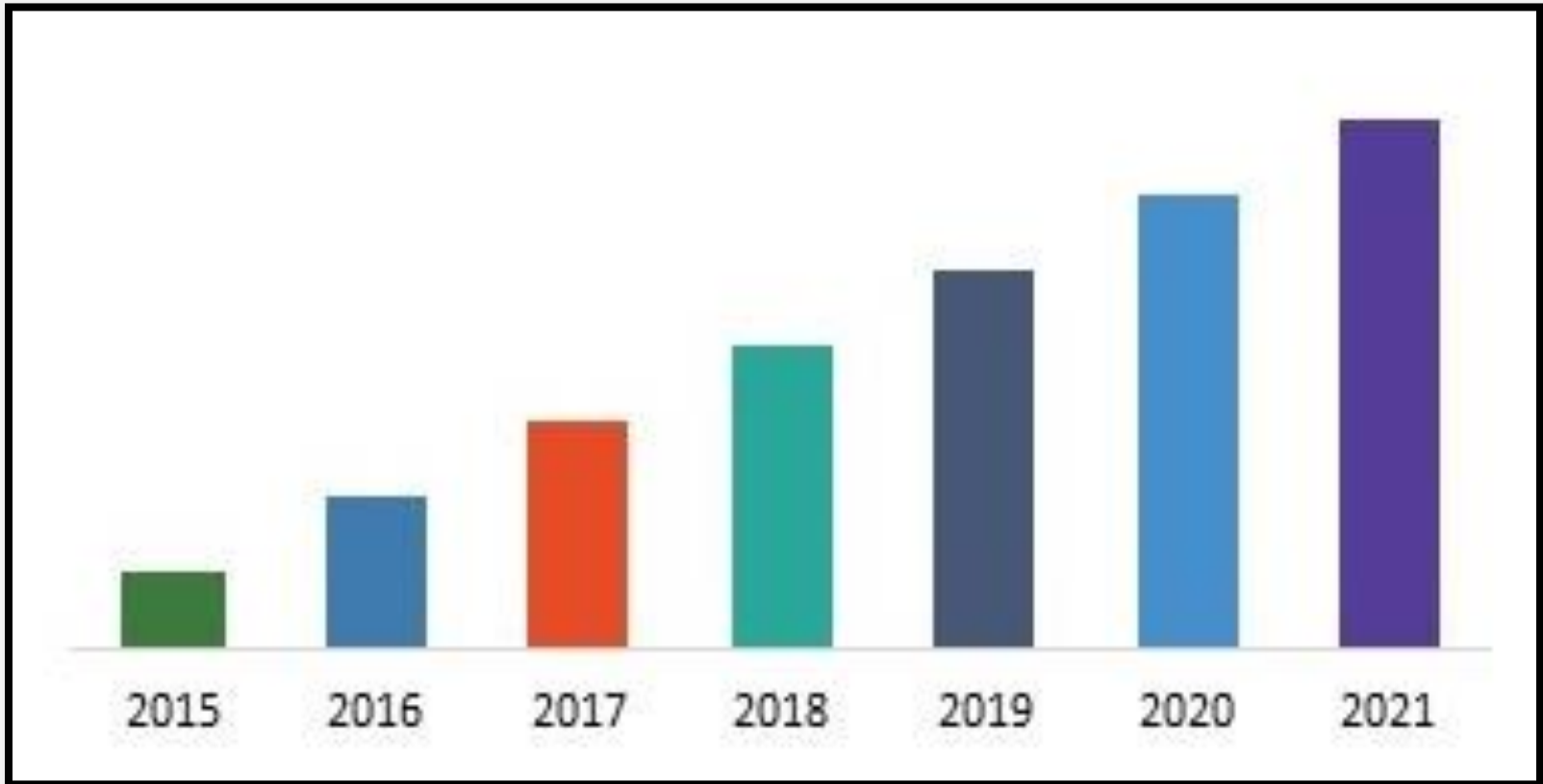


Modern lifestyle and awareness among consumer groups in developed as well as developing economies regarding the use of personal care products is a prominent factor to upsurge the growth of global fatty alcohol market. Biodegradable nature of fatty alcohol which helps maintain ecological balance is a 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.



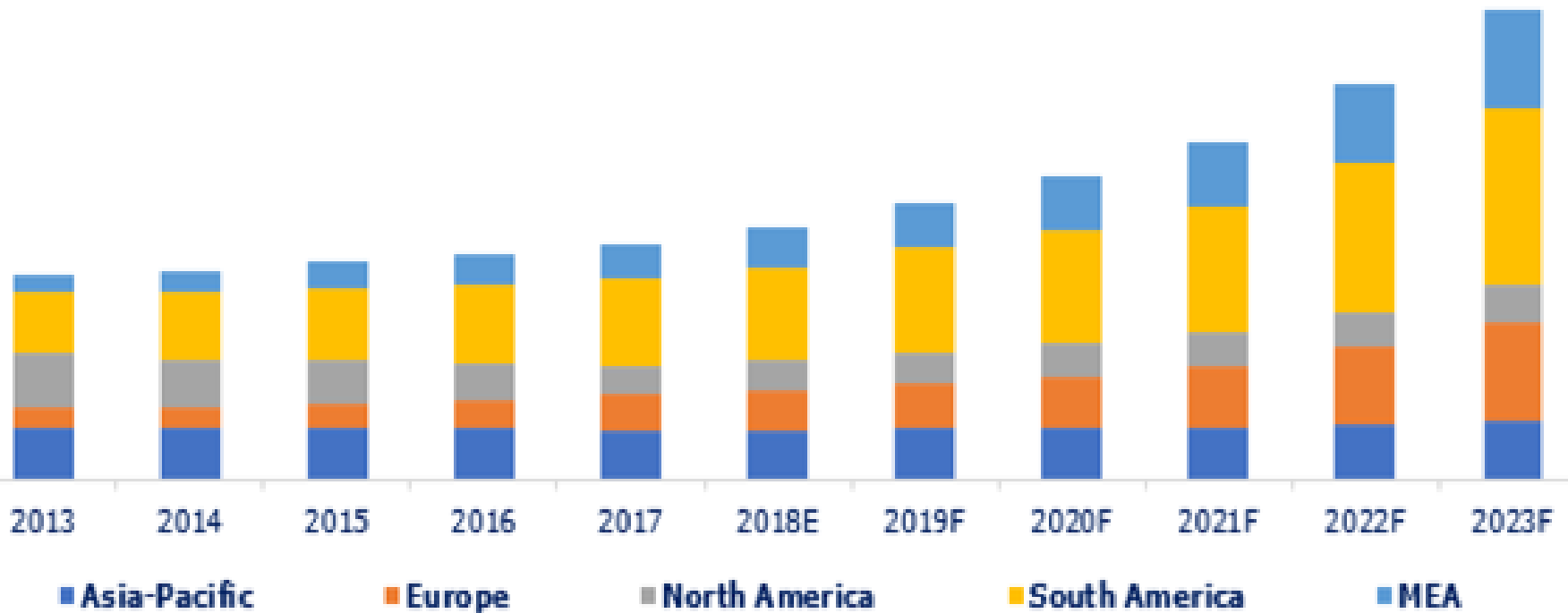
Fatty Alcohol Market Revenue, 2015-2021 (\$ Million)



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:***

Wilmar International Ltd., Kuala Lumpur Kepong Berhad, Musim Mas Holdings Pte. Ltd., Godrej Industries Limited, The Procter & Gamble Company, VVF Limited, Sasol Limited, Kao Corporation, Emery Oleochemicals (M) Sdn Bhd, Royal Dutch Shell plc.



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

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existin g	Propose d	Total	Particulars	Existin g	Propose d	Total
Land & Site							1067.6
Development Exp.	0.00	200.00	200.00	Capital	0.00	1067.60	0
Buildings	0.00	487.00	487.00	Share Premium	0.00	0.00	0.00
				Other Type Share			
Plant & Machineries	0.00	1287.00	1287.00	Capital	0.00	0.00	0.00
Motor Vehicles	0.00	25.00	25.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation							
Equipments	0.00	72.50	72.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow				Internal Cash			
Fees & Exp.	0.00	50.00	50.00	Accruals	0.00	0.00	0.00
Franchise & Other				Long/Medium Term			3202.7
Deposits	0.00	0.00	0.00	Borrowings	0.00	3202.79	9
Preliminary& Pre- operative Exp	0.00	10.00	10.00	Debentures / Bonds	0.00	0.00	0.00
Provision for				Unsecured			
Contingencies	0.00	126.00	126.00	Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	2012.89	2012.89				
							4270.3
TOTAL	0.00	4270.39	4270.39	TOTAL	0.00	4270.39	9

Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/Book Value
	EPS	CEPS				Per Share	Per Share				
1-2	7.68	10.25	17.68	24.00	0.00	100.00	7.68	0.00	7.68	1.00	0.00
2-3	9.93	12.15	27.61	18.00	0.00	100.00	9.93	0.00	9.93	1.00	0.00
3-4	12.50	14.42	40.10	12.00	0.00	100.00	12.50	0.00	12.50	1.00	0.00
4-5	15.05	16.71	55.15	6.00	0.00	100.00	15.05	0.00	15.05	1.00	0.00
5-6	17.56	18.99	72.71	0.00	0.00	100.00	17.56	0.00	17.56	1.00	0.00

Project at a Glance

Year	D. S. C. R.			Debt / - Deposits Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
Initial	(Number of times)			(Number of times)	%	%	%	%	%	%	%			
1-2	1.46	1.46		3.00	3.00	9.56	2.41%	1.15%	0.77%	4061.36	3.83%	5.33	1.11	
2-3	1.71	1.58		0.65	0.65	6.71	2.52%	1.32%	0.86%	4442.51	3.59%	5.45	1.13	
3-4	2.07	1.73	2.08	0.30	0.30	5.07	2.60%	1.47%	0.94%	5070.09	3.59%	5.44	1.16	
4-5	2.49	1.89		0.11	0.11	4.01	2.66%	1.59%	1.01%	5697.71	3.58%	5.39	1.19	
5-6	3.01	2.08		0.00	0.00	3.29	2.69%	1.68%	1.06%	6325.31	3.58%	5.31	1.26	



Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	49.95%
Total BEP (% of Installed Capacity)	52.38%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	33.47%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	140.341

Major Queries/Questions Answered in the Report?

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

- 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 ?**
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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?

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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**

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:

- **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 Fatty Alcohol sector in India along with its business prospects. Through this report we have identified Fatty Alcohol project as a lucrative investment avenue.

Tags

#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

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Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.....[Read more](#)



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Reports:

▪ Detailed Project Reports

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](#)



Contact us

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Niir PROJECT CONSULTANCY SERVICES

An ISO 9001:2015 Company



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.



We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.



What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *Technology Books and Directory*
- *Industry Trend*
- *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

Contact us

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**Thank
You**

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