


Natural Glycerin Manufacturing Industry.

Start a Glycerol/ Glycerine Production Business.

Global market is expected to reach $3.12 billion by 2021

npcs

Introduction

Glycerin, also referred to as glycerol or 1, 2, 3-propanetriol, is a polyhydric alcohol and part of triglycerides mainly found in vegetable and animal oil. Glycerin is derived either from natural resources or from petroleum feedstock. It is a byproduct generated during the manufacturing of biodiesel and soap. Some of the prominent applications of Glycerin include its use for moisture retention or as humectant in personal care. It is also used in medical formulations and industrial chemical manufacturing.

Pharmaceutical application will continue to dominate the market for glycerin during the forecast period. Glycerin is an important raw material used for manufacturing products such as creams, jellies, eye-drops, syrups, and lozenges among others due to its smoothening, moisturizing, and sweetening properties. Increase in spending on medication and rising use of new and expensive medicinal products due to increasing health concern has propelled the consumption of pharmaceutical products in the recent years.

Glycerin is mainly used in cosmetics and personal care products to enhance the smoothness and moisture content of the skin. It is found in facial moisturizer, body lotion, sunscreen, makeup, hair care, facial treatments, shaving cream etc. It acts as a humectant that prevents the premature loss of moisture from cosmetic products and it has a cooling effect on the skin. Growing awareness about skin challenges, urge to maintain an even skin tone, demand for anti-aging skin cosmetics and desire to look beautiful and young is driving the product sales, allow deeper penetration and expansion into newer markets. Moreover, increasing product demand from pharmaceutical end-user, will help the glycerin market to further grow till the end of forecast period.

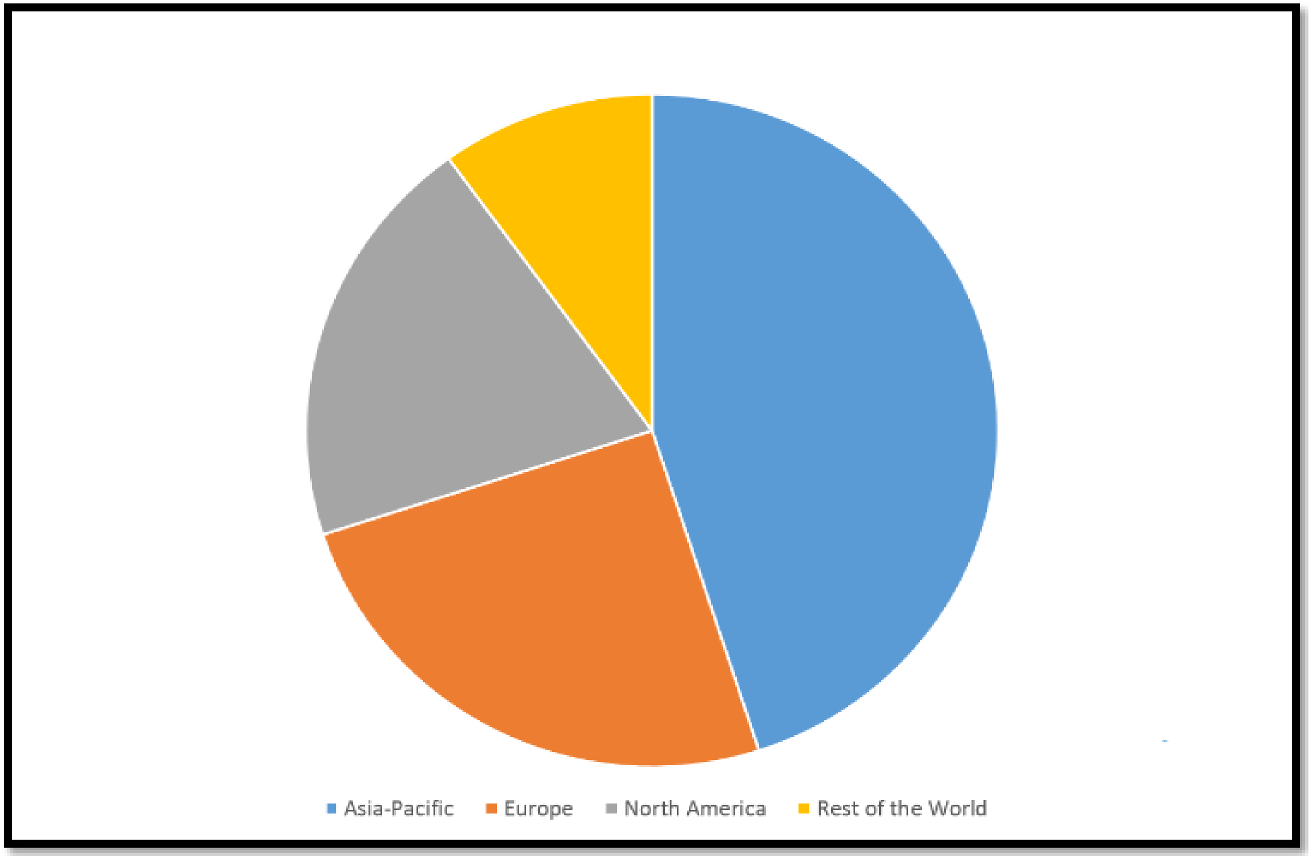
Market Outlook

The global glycerin market is projected to reach $3.12 billion by 2021, at a CAGR of 6.8% from 2016 to 2021, in terms of value.

The global glycerin industry is witnessing growth due to increasing applications, technological advancements, and increasing demand in the Asia-Pacific region, mainly from China, India, and South East Asia. The single most long term growth potential for glycerin in the personal care segment is from the rapid urbanization, increasing disposable incomes, and growing preference for natural ingredients among consumers. However, oversupply and low profitability may hamper the growth of the glycerin market.

The industrial applications represent the bulk of the demand for glycerine. High demand for glycerin in toothpaste, facial creams, and other cosmetics is expected to benefit its market in the personal care industry during the forecast period. Glycerin is used for pharmaceutical and medical preparations, mainly as means for improving smoothness, providing lubrication, and humectants. It is used in cough syrups, elixirs, and expectorants. Glycerin is used for excipient uses only in the personal care industry, and serves as a humectant, solvent, and lubricant. It is used as a moisturizing agent in facial creams and other cosmetic products to keep the skin soft and replace skin moisture. It is the basic media for toothpaste which maintains its desired smoothness and viscosity and gives shine to the paste.

Global Glycerin Market Share, By Region



Increasing awareness among consumers regarding the benefits of natural ingredients is expected to benefit the growth of the glycerin market in the personal care, pharmaceuticals & healthcare, and food & beverages segments. Increasing scope of application of glycerin in producing chemical intermediates is also expected to drive demand during the forecast period.

Based on end-use industries, global glycerin market can be segmented into food & beverages, pharmaceuticals & healthcare, personal care, and others such as automotive, etc.

The extensive use of the product in the personal care segment as a thickening agent, emulsifier, lubricant, and humectant will contribute to the growth of this segment. The additional advantages such as low toxicity and solubility will also supplement the glycerin market growth.

Based on source, glycerin market is segmented into vegetable oils, bio-diesel, synthetic and others such as soaps, fatty acids etc. Biodiesel has become a major source of crude glycerin attributed to the advancement of transesterification and will significantly accelerate the glycerin market growth.

Global Glycerin Market, By Volume (Tons), by Region 2016

An increasing production of biodiesel and the regulations related to it; rising efforts towards the development of novel applications; and a growing preference and demand for bio-renewable chemicals are factors that are likely to boost the growth of the global glycerin market over the forecast period. However, fluctuations in supply as well as availability of substitutes is likely to hinder growth of the global glycerin market over the forecast period.

Global glycerin manufacturers include Emery Oleochemicals (Malaysia), IOI Oleochemicals (Malaysia), Wilmar International (Singapore), KLK Berhad (Malaysia), Godrej Industries (India), Croda International Plc (U.K.), Cargill Incorporated (U.S.), P&G Chemicals (U.S.), Kao Corporation (Japan), and Avril Group (France), among others.

Machinery Photographs

Multiple Effect Evaporator

Storage Tanks

Boiler

Weighing Units

Project at a Glance

PROJECT AT A GLANCE						(Rs. in lacs)	
COST OF PROJECT				MEANS OF FINANCE			
Particulars	**Existing**	**Proposed**	**Total**	**Particulars**	**Existing**	**Proposed**	**Total**
Land & Site Development Exp.	0.00	950.00	950.00	Capital	0.00	618.87	618.87
Buildings	0.00	789.25	789.25	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	360.00	360.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	15.00	15.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	59.00	59.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	25.00	25.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	1856.62	1856.62
Preliminary& Pre-operative Exp	0.00	5.00	5.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	35.00	35.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	237.24	237.24				
TOTAL	0.00	2475.49	2475.49	TOTAL	0.00	2475.49	2475.49

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	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	10.23	12.59	20.23	24.00	0.00	100.00	10.23	0.00	10.23	1.00	0.00
2-3	13.29	15.37	33.52	18.00	0.00	100.00	13.29	0.00	13.29	1.00	0.00
3-4	16.39	18.23	49.90	12.00	0.00	100.00	16.39	0.00	16.39	1.00	0.00
4-5	19.46	21.08	69.36	6.00	0.00	100.00	19.46	0.00	19.46	1.00	0.00
5-6	22.48	23.92	91.84	0.00	0.00	100.00	22.48	0.00	22.48	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		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.71	1.71		1.19	1.19	2.61		10.42 %	7.20%	4.66 %	1975.27	14.53%	3.02	1.13
2-3	2.09	1.89		0.54	0.54	1.53		10.84 %	8.12%	5.19 %	2303.81	14.53%	3.04	1.35
3-4	2.55	2.09	2.55	0.24	0.24	1.00		11.13 %	8.81%	5.60 %	2632.91	14.53%	2.94	1.59
4-5	3.10	2.31		0.09	0.09	0.70		11.33 %	9.32%	5.91 %	2962.01	14.53%	2.80	1.85
5-6	3.78	2.55		0.00	0.00	0.52		11.47 %	9.71%	6.14 %	3291.11	14.53%	2.63	2.37

Project at a Glance

BEP	
BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	30.47%
Total BEP (% of Installed Capacity)	33.17%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	38.53%
Payback Period of the Project is (In Years)	2.814 Years
Fixed Assets Coverage Ratio (No. of times)	13.398

Major Queries/Questions Answered in the Report?

1. What is Natural Glycerin Manufacturing industry ?

2. How has the Natural Glycerin Manufacturing industry performed so far and how will it perform in the coming years ?

3. What is the Project Feasibility of Natural Glycerin Manufacturing Plant ?

4. What are the requirements of Working Capital for setting up Natural Glycerin Manufacturing plant ?

5. What is the structure of the Natural Glycerin Manufacturing Business and who are the key/major players ?

6. What is the total project cost for setting up Natural Glycerin Manufacturing Business?

7. What are the operating costs for setting up Natural Glycerin Manufacturing plant ?

8. What are the machinery and equipment requirements for setting up Natural Glycerin Manufacturing plant ?

9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Natural Glycerin Manufacturing plant ?

10. What are the requirements of raw material for setting up Natural Glycerin Manufacturing plant ?

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

12. What is the Manufacturing Process of Natural Glycerin?

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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 Natural Glycerin." provides an insight into Natural Glycerin market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Natural Glycerin project. The report assesses the market sizing and growth of the Indian Natural Glycerin 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 Natural Glycerin sector in India along with its business prospects. Through this report we have identified Natural Glycerin project as a lucrative investment avenue.

Tags

#Production_of_Glycerin, #Manufacture_of_Glycerine_in_India, How to Make Glycerine (Glycerol), How to Make Glycerin, #Glycerine_Manufacturing_Plant, How is Glycerol Made? Glycerine Manufacturing Process Pdf, Manufacturing of Glycerin, Glycerin or Glycerol, Process of Manufacture of Glycerin, #Glycerin_Production_Process, #Start_a_Glycerin_Making_Business, Glycerine Manufacture, Natural Glycerine, #Project_Report_on_Glycerine_Manufacturing_Industry, Detailed Project Report on Glycerin Production, Project Report on Glycerin Production, #Pre_Investment_Feasibility_Study_on_Glycerin_Production, Techno-Economic feasibility study on Glycerine Manufacturing, #Feasibility_report_on_Glycerin_Production, Free Project Profile on Glycerine Manufacturing, Project profile on Glycerin Production, #Download_free_project_profile_on_Glycerin_Production, #Production_of_Natural_Glycerine, Glycerol production, How is Glycerol Made? Production of Glycerol, Manufacturing Process for Glycerol

Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on

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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

Contact us

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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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- *Entrepreneur India (An Industrial Monthly Journal)*

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- *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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