

Blending and Bottling of Thinners and Solvent Thinners.

Production of Paint Thinners and Solvents



Introduction

A paint thinner is a solvent used to reduce thickness of oil-based paints or clean up after their use. They can also be used to remove tar buildup and other compounds.

The thinner has the ability to reduce all coatings that use conventional high VOC thinners. Normally paint thinner is used to remove oil-based paint from brushes, rollers, equipment, and surfaces. However, there are many other applications and uses for paint thinner saving you money and time.



Paint thinner is one of the most common industrial chemicals, and it's also one of the most versatile. In addition to thinning paint products for use and for cleanup, paint thinner is excellent for other industrial cleaning applications — removing stains, grease and more from certain surfaces.



Solvent, Substance, ordinarily a liquid, in which other materials dissolve to form a solution. Polar solvents (e.g., water) favour formation of ions; nonpolar ones (e.g., hydrocarbons) do not. Solvents may be predominantly acidic, predominantly basic, amphoteric (both), or aprotic (neither). Organic compounds used as solvents include aromatic compounds and other hydrocarbons, alcohols, esters, ethers, ketones, amines, and nitrated and halogenated hydrocarbons. Their chief uses are as media for chemical syntheses, as industrial cleaners, in extractive processes, in pharmaceuticals, in inks, and in paints, varnishes, and lacquers.



Market Outlook

Moderate growth is estimated for India solvents market during the forecast period 2016 to 2024. In terms of volume, sales of solvents in India reached 2,019,743.5 tons in 2016; by 2024 this number is expected to reach nearly 3,000,000 tons, expanding at 4.7% CAGR. Robust adoption of solvents across various applications such as paints & coatings, plastic & polymer, adhesives & sealants, and pharmaceutical is a prominent factor driving growth of the market.



Industrial cleaning forms a primary application area for solvents, with variety of solvents utilized for cleaning applications across various industries including manufacturing, and healthcare. Market for industrial cleaning chemicals in India is expected to witness a significant growth. In addition, soaring manufacturing sector in the country is estimated to drive growth of domestic, institutional, and industrial cleaning chemicals market, which in turn is expected to fuel demand for solvents in India. Solvent polymerization is the most commonly used technique for polymer production in the country. Rapid consumption of solvents in rubber and polymer applications is further expected to drive demand for solvents in India.

As the paint industry is a major consumer of thinners & solvents, and is expanding at a tremendous speed, it is very obvious that the demand of thinners, too, will increase tremendously.

The industry of solvents is going through sluggish growth. For being an intermediate, the demand for solvents is dependent totally on the industry of end user. That is the reason that the industry of solvents is suffering from built up capacity which is in excess. The solvents industry is highly technology intensive and so requires a lot of capital investment. The solvents industry is highly organized for it has only a limited number of companies operating within it.

Coatings and paints are widely used in construction and manufacturing industries, which have been leading to the increase in demand for solvents in the abovementioned end use industries. Some of the major applications of solvents include adhesives and sealants, paints and coatings, printing inks.

Demand for organic solvents has been continuously growing in the global market on account of its growing application across various end-use industries. However, growing environmental issues coupled with volatile nature of key raw material prices is expected to remain a key challenge for industry participants. To reduce these effects, the industry has shifted its focus towards developing bio-based solvents which are environmentally friendly in nature. In the quest to achieve sustainability, leading solvent manufacturers have been collaborating with top biotechnology firms to manufacture bio-based solvents.



The industrial solvents market can be segmented on the basis of products into hydrocarbons, acids, esters, glycols, aromatics, alcohols, ketones, ethers and other products. Hydrocarbon solvent is the leading segment owing to high demand from the end users due to its organic properties. Some of the applications of industrial solvents are dissolution agent, cleaning, and degreasing, paints and coatings, printing products and cleaning and others. Among all, dissolution agents dominated the industrial solvents market with around 48% of the share of the overall market. Paints and coatings segment is likely to experience a high growth in the forecast period owing to rising demand from infrastructure and automobile industry.

Industrial solvents market has significantly changed the modern living and made solvents one of the most valuable and useful products for various end user industries and manufacturing companies. Some of the more important uses of industrial solvents are in electronic industry, pesticides, photographic reproduction and textile industries. Large quantities of industrial solvents are also involved in oil refining and recovery, dry cleaning, rubber and polymer, fuel additives and metal degreasing. Most of the solvents in industrial solvents market are primarily used as dissolution agent in various industries which accounts for about half of market share followed by cleansing, degreasing and purification. The growing demand from pharmaceutical, paints and coating industry is fueling the global demand for industrial solvent market.

On the basis of product types, industrial solvents market can be segmented into oxygenated, hydrocarbon, and halogenated. These have been further segmented into alcohols, glycols, ketones, ethers, glycol ethers and esters for oxygenated solvents, aromatic and aliphatic solvents for hydrocarbon, perchloroethylene, methylene chloride, trichloroethylene for halogenated solvents. The other possible segmentation of industrial solvents market can be done on the basis of raw materials such conventional and green, whilst green industrial solvents market is expected to show high CAGR during the forecast period.

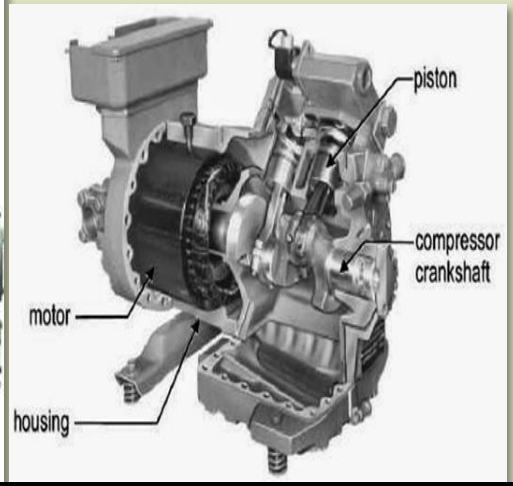
Machinery Photographs



Fermentation Tanks



Grinding Machine



Chilling Plant Semi Hermetic Compressor



Cleaning Jig Basket



Project at a Glance

PROJECT AT A GLANCE

(` in lacs)

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	60.00	60.00	Capital	0.00	98.90	98.90
Buildings	0.00	41.00	41.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	198.93	198.93	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	6.00	6.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	34.00	34.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	10.00	10.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	296.69	296.69
Preliminary & Pre-operative Exp	0.00	2.00	2.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	7.00	7.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	36.66	36.66				
TOTAL	0.00	395.59	395.59	TOTAL	0.00	395.59	395.59

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	4.85	8.93	14.85	24.00	0.00	100.00	4.85	0.00	4.85	1.00	0.00
2-3	7.50	11.02	22.35	18.00	0.00	100.00	7.50	0.00	7.50	1.00	0.00
3-4	10.14	13.18	32.49	12.00	0.00	100.00	10.14	0.00	10.14	1.00	0.00
4-5	12.68	15.31	45.17	6.00	0.00	100.00	12.68	0.00	12.68	1.00	0.00
5-6	15.12	17.39	60.29	0.00	0.00	100.00	15.12	0.00	15.12	1.00	0.00



Project at a Glance

Year	D. S. C. R.			Debt / Equity - 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	1.31	1.31		1.62	1.62	2.87		10.11%	4.65%	3.51%	345.64	25.27%	2.45	1.03	
2-3	1.58	1.44		0.81	0.81	1.77		11.48%	6.89%	4.65%	383.26	24.01%	2.65	1.21	
3-4	1.91	1.59	1.91	0.37	0.37	1.12		12.39%	8.47%	5.50%	437.54	23.99%	2.70	1.42	
4-5	2.30	1.74		0.13	0.13	0.74		12.99%	9.59%	6.11%	491.82	23.97%	2.66	1.66	
5-6	2.77	1.91		0.00	0.00	0.51		13.37%	10.36%	6.56%	546.09	23.95%	2.55	2.30	



Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	52.00%
Total BEP (% of Installed Capacity)	56.13%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	25.06%
Payback Period of the Project is (In Years)	2 Years 4 Months
Fixed Assets Coverage Ratio (No. of times)	10.809

Major Queries/Questions Answered in the Report?

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

- 5. What is the structure of the Thinners and Solvent Thinners (Blending and Bottling) Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Thinners and Solvent Thinners (Blending and Bottling) Business?**
- 7. What are the operating costs for setting up Thinners and Solvent Thinners (Blending and Bottling) plant ?**
- 8. What are the machinery and equipment requirements for setting up Thinners and Solvent Thinners (Blending and Bottling) plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Thinners and Solvent Thinners (Blending and Bottling) plant ?**
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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 Thinners and Solvent Thinners (Blending and Bottling).” provides an insight into Thinners and Solvent Thinners (Blending and Bottling) market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Thinners and Solvent Thinners (Blending and Bottling) project. The report assesses the market sizing and growth of the Indian Thinners and Solvent Thinners (Blending and Bottling) 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 Thinners and Solvent Thinners (Blending and Bottling) sector in India along with its business prospects. Through this report we have identified Thinners and Solvent Thinners (Blending and Bottling) project as a lucrative investment avenue.

Tags

Blending Thinner, Paint Thinner Solvent Blending, Thinning and Blending, Thinners and Solvent Thinners (Blending and Bottling), Thinner, Solvent, Thinner Filling, Industrial Solvents & Thinners, Paint Thinner, Thinner Bottling Plant, Solvent Blends, Blending Solvent, Solvent Blending, Thinner Manufacturing Process, Thinner Manufacturing Process Pdf, How to Make Solvent Thinner, Thinners and Solvent Thinners (Blending and Bottling), Thinner Manufacturing Plant, Industrial Thinner, Industrial Thinner Manufacture, Manufacture of Thinners & Solvents, How to Make Paint Thinner, Thinner Making, Thinner Solvent Manufacture, How to Make Solvent Thinner, Solvents & Thinners Solvents & Thinners, Solvents Uses & Properties, Solvents and Thinners for Automotive Use, Thinners Manufacturing Formula, Paint Thinner Production and Process, Uses and Applications for Paint Thinner, Paint Thinner Manufacture, Formulations of Paint Thinners, Solvents Used in Paints and Coatings Industry, Manufacturing Process of Thinner Production,

How to Make Solvent Thinner, Chemical Blending Business, Solvents for Pharmaceutical Manufacturing, Blended Solvents & Industrial Chemicals, Solvent Packaging, Project Report on Thinner Manufacturing Industry, Detailed Project Report on Solvent Blending, Project Report on Thinner Bottling Plant, Pre-Investment Feasibility Study on Solvent Blending, Techno-Economic feasibility study on Solvent Blending, Feasibility report on Thinner Bottling Plant, Free Project Profile on Thinner Bottling Plant, Project profile on Solvent Blending, Download free project profile on Thinner Bottling Plant

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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.



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- **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.



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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Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

<https://goo.gl/VstWkd>



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