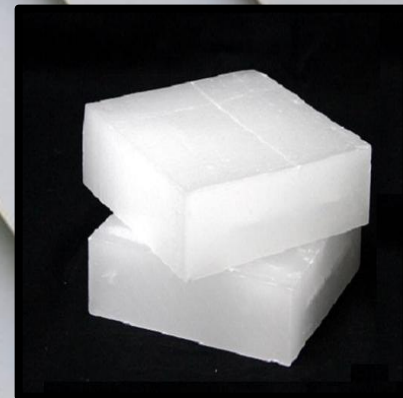


**Profitable
Business Ideas
in Manufacturing
of Chlorinated
Paraffin Wax (CPW)
Industry.**



**Opportunities in
Chlorinated Paraffin's
Project.**



Introduction



Chlorinated Heavy Normal paraffin is a replacement of chlorinated paraffin wax. The method of manufacturing of both the products is the same and so is the end-use. Apart from above the best part of Chlorinated Heavy Normal Paraffin is that in this product maximum Chlorination which can be achieved is 70% while in chlorinated paraffin wax it is 60%. It is used as secondary plasticizer for Polyvinyl Chloride resins, plasticizer extender in synthetic rubber, Nitrocellulose, polystyrene etc. It is also used for impregnating textile and fabrics of all kinds as a flame retardant. It also finds application in paint industry for manufacturing of fire proof paints. It is widely used in foundry industry.



Chlorinated paraffin (CP) is a complex chemical substance used in multiple applications across diverse industries. It is often used as a flame retardant and secondary plasticizer in rubber, paints, adhesives, caulks, sealants and plastics. Another use is as a coolant or lubricant in metal cutting or forming. Chlorinated paraffin are straight chain hydrocarbons that have been chlorinated. Chlorinated Paraffin are identified on the basis of their carbon chain length and percentage of chlorination with carbon chain length generally ranging from C10 to C 30 and chlorination from 35% to 70% by weight.



Uses

- ❖ Flame Resistance
- ❖ Low-temperature Flexibility
- ❖ Stain Resistance
- ❖ Resistance to Aqueous Detergent Extraction
- ❖ Chemical Resistance
- ❖ Plastisol Viscosity Stability



Market Outlook

The global chlorinated paraffin wax market was valued at US\$ 1,647.0 MN in 2018 and is anticipated to expand at a CAGR of 3.3% from 2019 to 2027. Rise in usage of chlorinated paraffin wax as flame retardant is expected to drive the market in the near future. Chlorinated paraffin is produced by synthesis of chlorine gas unbranched paraffin fractions at temperature range of about 80-100°C. Chlorinated paraffin's are used as secondary plasticizers for polyvinyl chloride (PVC) and are expected to partially replace primary plasticizers such as phthalates and phosphate esters in the near future. Chlorinated paraffin offers advantages such as flame retardancy and low-temperature strength as well as increases the flexibility of the materials. Chlorinated paraffin is added to PVC, to improve its flame retardancy while maintaining the low temperature properties such as strength of plastic.

Global Chlorinated Paraffin Wax Market, By Grade

Global Chlorinated Paraffin Wax Market, by Grade



Augment in the global PVC industry is expected to boost chlorinated paraffin market growth in the near future. In addition, technological advances coupled with escalating demand for products with PVC content such as sheets, tubes, pipes, wires, and cables across the globe, is expected to drive the demand for chlorinated paraffin. The global chlorinated paraffin market growth is characterized by vivid opportunities to market players, owing to disposable incomes and rapid growth in the global economy. The market can be fragmented into lubricating additives, plastic additives, flame retardants, metal working fluids, plastics and adhesives. Metal working fluid dominates the market due to extensive use of the product in various manufacturing sectors such as aerospace, automotive and others. its use for production of various PVC products, plastics and other industrial products. Based on end user, the market can be categorized into paint & coatings, rubber, manufacturing, textile, leather and others.

Regionally, the chlorinated paraffin wax market is gaining traction and is expanding to various regions including Asia-Pacific, North America, South America, Europe, and Middle East & Africa. Among these regions, Asia Pacific region is expected to dominate the global chlorinated paraffin wax market owing to the growth of textile and manufacturing sectors in the region



Kay players

Ajinomoto Fine-Techno Co. Inc., Dover Chemical Corporation, JSC Kaustik, Caffaro Industrie S.p.A, INOVYN Enterprises Limited, Flow Tech Group of Industries, Aditya Birla Chemicals Limited, Handy Chemical Corporation Ltd., Altair Chimica SpA, Quimica Del Cinca, S.A. INOVYN, NCP Chlorchem, Dover Chemical Corporation, LEUNA-Tenside GmbH, Química Del Cinca, JSC Kaustik, KLJ Group, Qualice, LLC, Makwell Group, Aditya Birla Chemicals, and Altair Chimica SpA. Aditya Birla Chemicals, Altair Chimica SpA, Ajinomoto Fine-Techno Co., Inc., Caffaro Industrie S.p.A., Dover Chemical Corporation, Handy Chemical Corporation .ltd, INEOS CHLOR, KLJ Group, LEUNA-Tenside GmbH, and Química Del Cinca

Machinery Photographs



Reaction Vessel



Air Compressor



Filter Press



Water Pump

Project at a Glance

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	165.00	165.00	Capital	0.00	287.50	287.50
Buildings	0.00	145.50	145.50	Share Premium	0.00	0.00	0.00
				Other Type Share			
Plant & Machineries	0.00	607.50	607.50	Capital	0.00	0.00	0.00
Motor Vehicles	0.00	12.00	12.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	51.50	51.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow				Internal Cash			
Fees & Exp.	0.00	25.00	25.00	Accruals	0.00	0.00	0.00
Franchise & Other				Long/Medium Term			
Deposits	0.00	0.00	0.00	Borrowings	0.00	862.49	862.49
Preliminary& Pre-operative Exp	0.00	3.00	3.00	Debentures / Bonds	0.00	0.00	0.00
Provision for				Unsecured			
Contingencies	0.00	59.00	59.00	Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	81.49	81.49				
							1149.9
TOTAL	0.00	1149.99	1149.99	TOTAL	0.00	1149.99	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	Per Share				No.of Times	
	`	`	`	`	`	%	`	%	`		%
1-2	5.19	9.46	15.19	24.00	0.00	100.00	5.19	0.00	5.19	1.00	0.00
2-3	7.60	11.28	22.79	18.00	0.00	100.00	7.60	0.00	7.60	1.00	0.00
3-4	10.06	13.23	32.85	12.00	0.00	100.00	10.06	0.00	10.06	1.00	0.00
4-5	12.49	15.22	45.34	6.00	0.00	100.00	12.49	0.00	12.49	1.00	0.00
5-6	14.86	17.22	60.20	0.00	0.00	100.00	14.86	0.00	14.86	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 Contr ibutio n	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.37	1.37		1.58	1.58	2.81		8.45%	4.73%	3.57%	760.04	18.20%	2.54	1.01
2-3	1.61	1.49		0.79	0.79	1.74		9.60%	6.63%	4.49%	886.35	18.19%	2.75	1.20
3-4	1.92	1.62	1.92	0.37	0.37	1.12		10.37%	7.99%	5.19%	1012.96	18.19%	2.81	1.42
4-5	2.29	1.76		0.13	0.13	0.74		10.91%	8.98%	5.73%	1139.57	18.19%	2.78	1.65
5-6	2.74	1.92		0.00	0.00	0.51		11.27%	9.70%	6.14%	1266.18	18.19%	2.67	2.28

Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	41.31%
Total BEP (% of Installed Capacity)	46.67%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	25.33%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	11.174

Major Queries/Questions Answered in the Report?

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

- 5. What is the structure of the Chlorinated Paraffin Wax (CPW) Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Chlorinated Paraffin Wax (CPW) Manufacturing Business?**
- 7. What are the operating costs for setting up Chlorinated Paraffin Wax (CPW) Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up Chlorinated Paraffin Wax (CPW) Manufacturing plant ?**

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

Tags

#Project_Report_on_Chlorinated_Paraffin_Wax,
#Chlorinated_Paraffin_Wax_Manufacturers,
#Chlorinated_Paraffin_Wax_Manufacturing_Process,
#Chlorinated_Paraffin_Wax_Manufacturing_Plant,
#Chlorinated_Paraffin_Wax_(CPW)_Manufacturing_Business,
#Chlorinated_Paraffin_Wax_plant,
#Chlorinated_Paraffin_Wax_Manufacturers, #Paraffin_General, Process and
Production, Chlorinated Paraffin Wax Manufacturing Plant, Chlorinated
Paraffin Traducing Wax Users Manufacturing, Chlorinated Paraffin Wax
Manufacturers & Suppliers, Production of Chlorinated Paraffin, Project for
Manufacturing of Chlorinated Paraffin,
#Manufacturing_of_Chlorinated_Paraffin_Wax, How to Start Chlorinated
Paraffin Wax Industry, CPW, CPW (Chlorinated Paraffin Wax)

Chlorinated Paraffin Wax Manufacture in India,
#Chlorinated_Paraffin_Wax_Production, Chlorinated Paraffin Wax Plant,
Paraffin Industry, #Chlorinated_Paraffin_Production, Chlorinated Paraffin
Wax Manufacturing, Project Report on Chlorinated Paraffin Wax,
Manufacture of Chlorinated Paraffin Wax, Chlorinated Paraffin Industry,
Project Report on Chlorinated Paraffin Wax Manufacturing Industry, Pre-
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Manufacturing, Paraffin Wax Manufacture,

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can provide Detailed Project Report on**

**Profitable Business Ideas in Manufacturing of
Chlorinated Paraffin Wax (CPW) Industry.**

**Opportunities in Chlorinated Paraffin's
Project.**

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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](http://www.entrepreneurindia.co)



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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