Production of Chemicals

2-Chloro-6 (Trichloromethyl) -Pyridine, Alkylamines, Alum, Zinc Sulphate, Sulfur and Sulfuric Acid, Solvents, Silicone Resin, Silica Gel Sio2nh2o, Salicylic Acid, Saccharin, Rubber & Rubber Chemicals, Resorcinol (3-Hydroxy Phenol), Red Lead (Pb3o4), Red Iron Oxide, Potassium Permanganate (Kmno4), Plasticiser, Phosphorus and Phosphates, Perfumery, Fragnance and Flavour)



Introduction

The chemical industry comprises the companies that produce industrial chemicals. Central to the modern world economy, it converts raw materials (oil, natural gas, air, water, metals, and minerals) into more than 70,000 different products.

The plastics industry contains some overlap, as most chemical companies produce plastic as well as other chemicals.



In modern age chemical industries have permeated most extensively in comparison with other industries and are progressing at a very rapid pace. Chemical Industry in India is one of the fastest growing industries under the Indian economy. The chemical industry comprises the companies that produce industrial chemicals. Central to the modern world economy, it converts raw materials into more than 70,000 different products. Chemicals have contributed in various sectors like food industry, fertilizers, perfumery, fragrance and flavour etc.

Chemicals are used to make a wide variety of consumer goods, as well as thousands inputs to agriculture, manufacturing, construction, and service industries.



There are numerous chemicals produced in chemical industry for example chloroform, caffeine, fertilizers, dyes, drug intermediates, herbicide, inorganic salts, copper sulphate, acetaldehyde etc. The chemical industry itself consumes 26 percent of its own output. The Chemical Industry in India is based on the idea of diversification. For example inorganic chemicals is the sector where the growth rate is near about 9% and the chemicals produced in this sector are mainly used in alkalis, fertilizers, etc.



Depending on the product categories the chemical industry is divided in many other sectors like drugs and pharmaceuticals, fertilizers, fine chemicals like dyes and paints etc. The chemical industry in India which generates almost 13% of total national export is growing annually at a growth rate anywhere between 10% and 12%.



Market Outlook

India emerges as one of the focus destinations for chemical companies worldwide. With the current size of approximately \$108 billion, the Indian chemical industry accounts for ~3% of the global chemical industry. Two distinct scenarios for the future emerge, based on how effectively the industry leverages its strengths and manages challenges. In the base case scenario, with current initiatives of industry & government, the Indian chemical industry could grow at 11% p.a. to reach size of \$224 billion by 2017. However, the industry could aspire to grow much more and its growth potential is limited only by its aspirations.



In such an optimistic scenario, high end-use demand based on increasing per capita consumption, improved export competitiveness and resultant growth impact for each subsector of the chemical industry could lead to an overall growth rate of over 15% p.a. and a size of \$290 billion by 2017 (~6% of global industry). This has a potential for further upside in the future considering India's increasing competitiveness in manufacturing.



The Indian chemical industry is an integral component of the Indian economy and has the potential to grow at 9 per cent per annum to reach \$214 billion by 2019. Key imperatives for the growth of chemical industry are to secure feedstock, right product mix and identify partnership opportunities to gain capital and technology support.

Construction chemicals market in India is projected to grow at a CAGR of over 15% during 2015 - 2020.





Global Chemical Production

World	3.4%	
European Union	0.9%	
United States	1.7%	
Emerging markets of Asia	5.9%	
Japan	1.0%	
South America	(0.2%)	



Total production in the Indian chemical industry was 9107 MT in FY11 and reached to 9627 MT in FY14 clocking a CAGR of 1.9 per cent from FY11-14; In FY15 (upto September 2014), the production reached at 4794 thousand MT.



Total Production of Major Chemicals (000' MT)

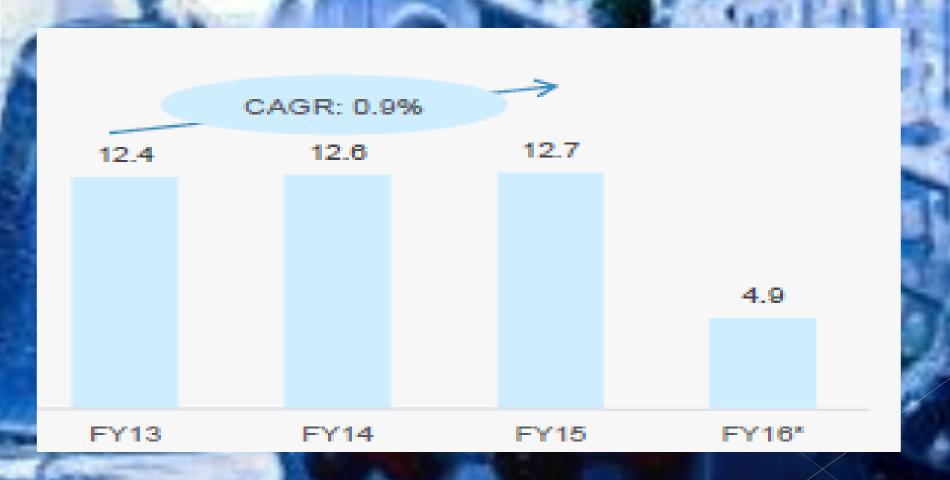




Exports of the Indian chemical industry stood at USD4.9 billion for FY16* Exports in the chemical industry grew from USD12.4 billion in FY13 to USD12.7 billion in FY15, registering a growth of 0.9 per cent.



Chemical Export of India





Strong Growth Outlook for Indian Chemicals Industry

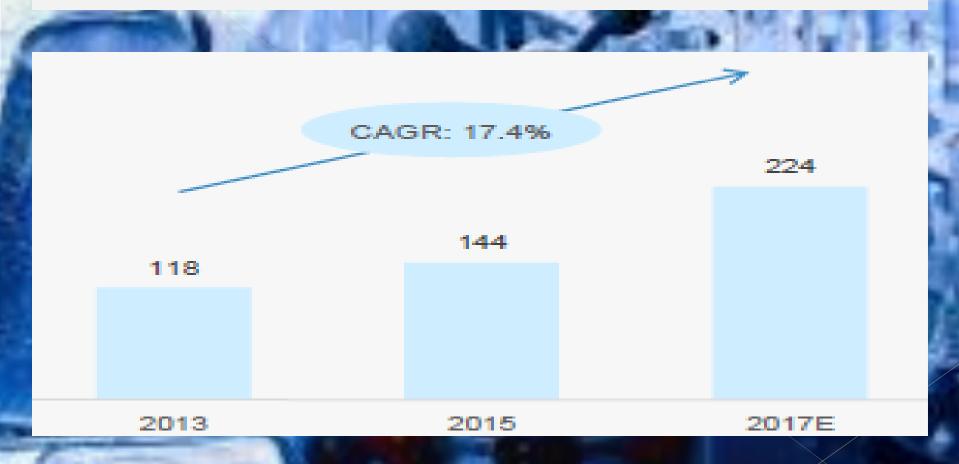




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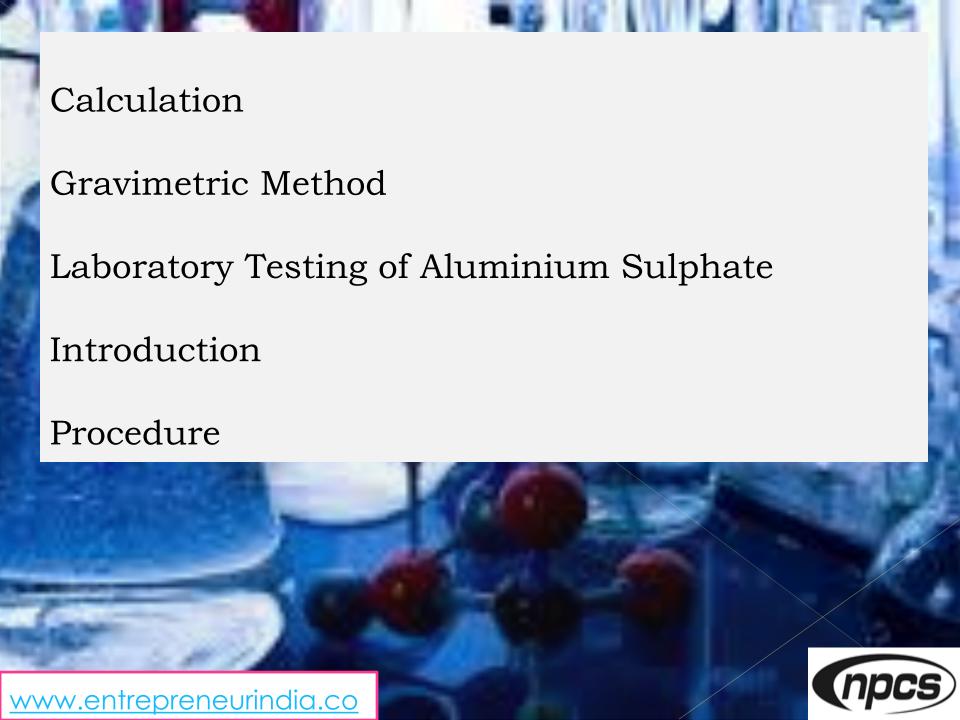
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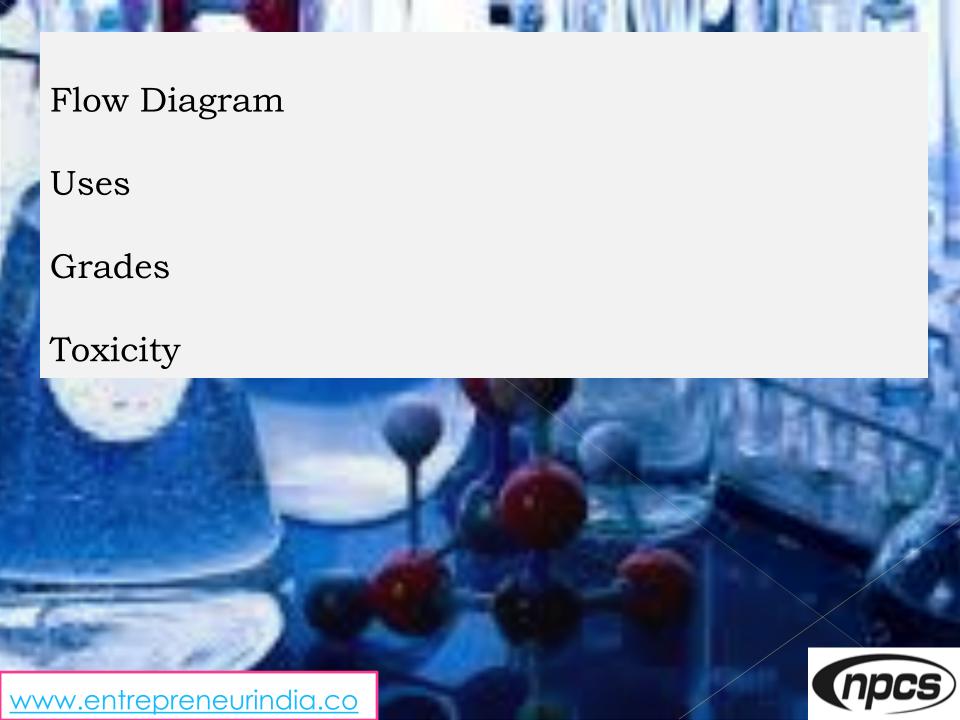
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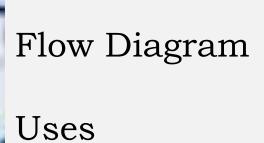
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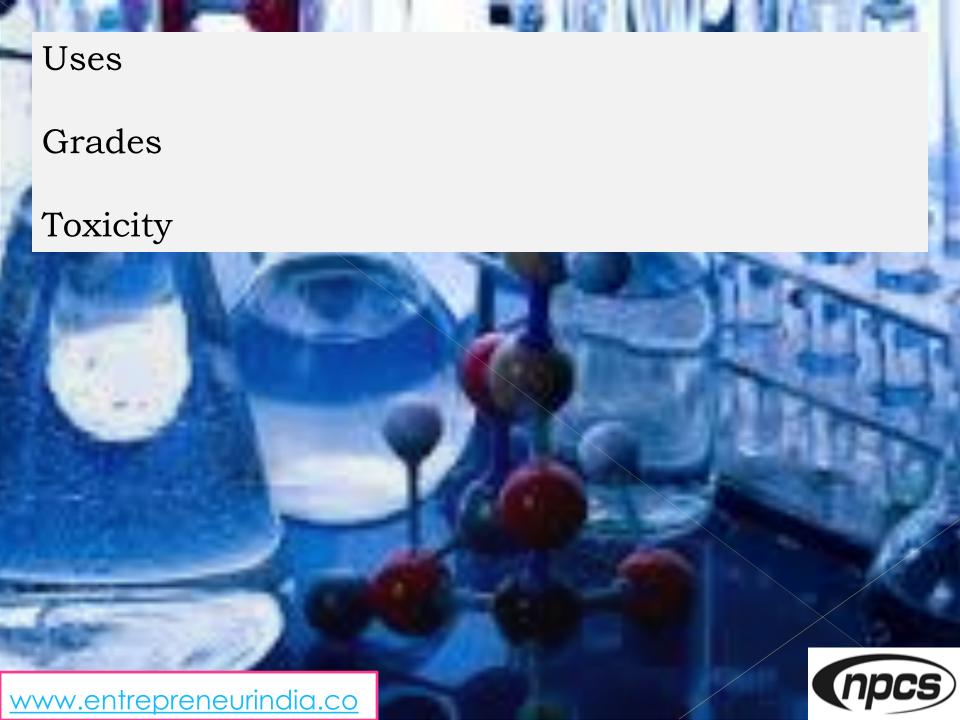
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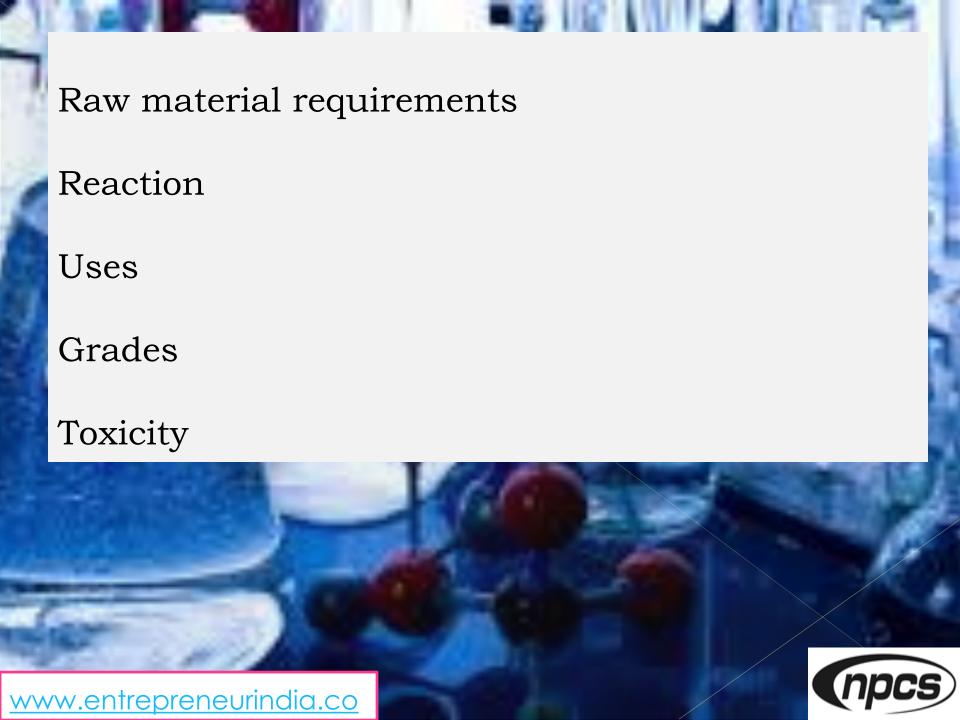
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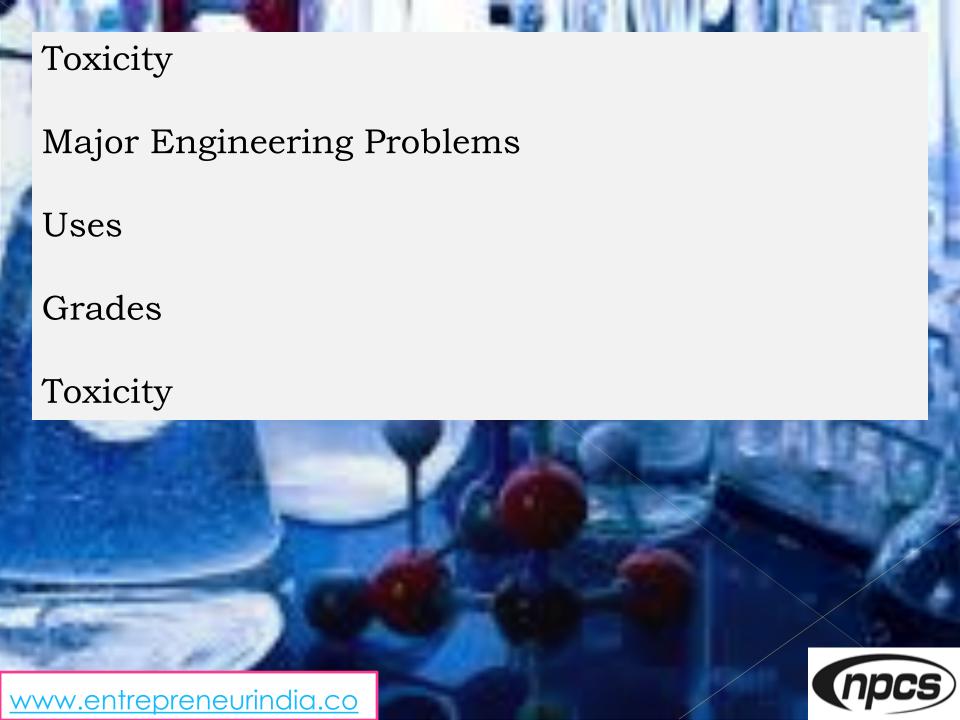
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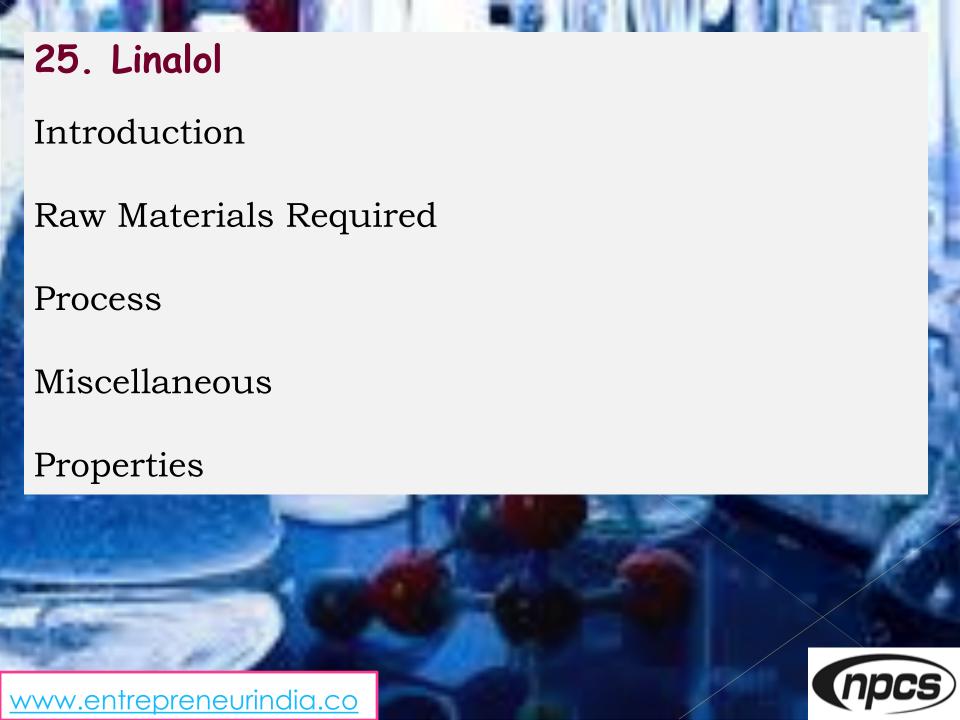
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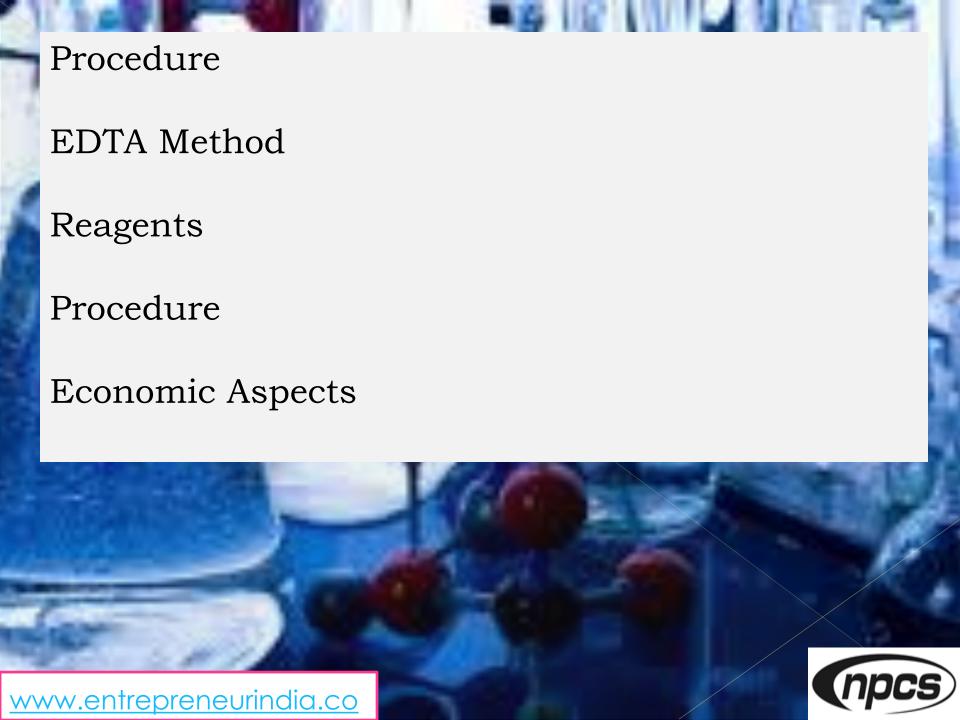
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Aluminium Stearate



Calcium Stearate Lead Stearate Magnesium Stearate Zinc Stearate Grades Toxicity www.entrepreneurindia.co

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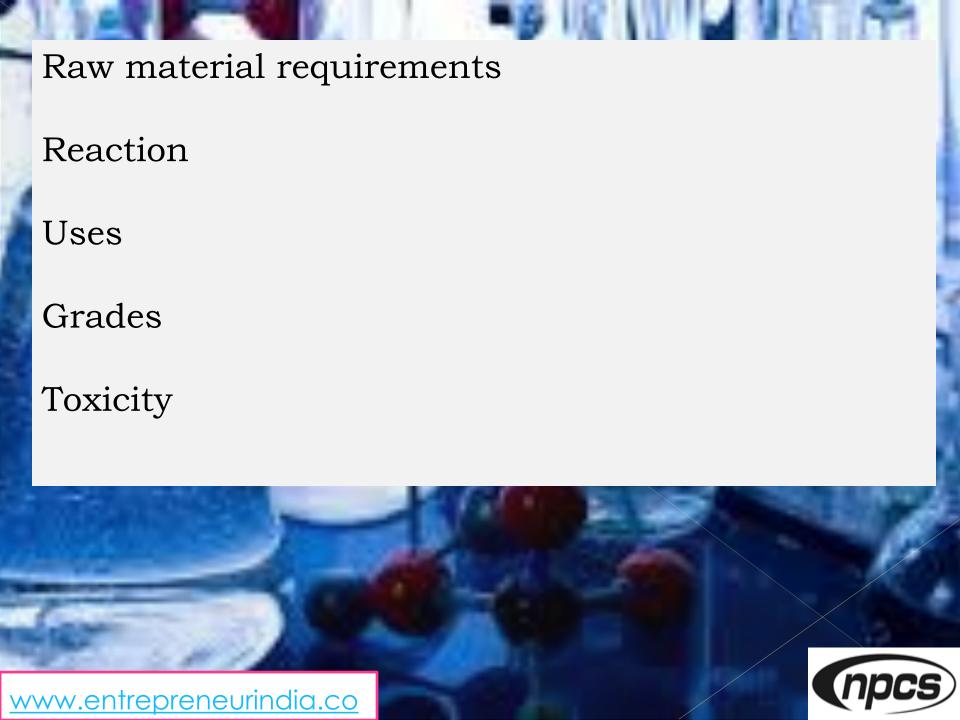
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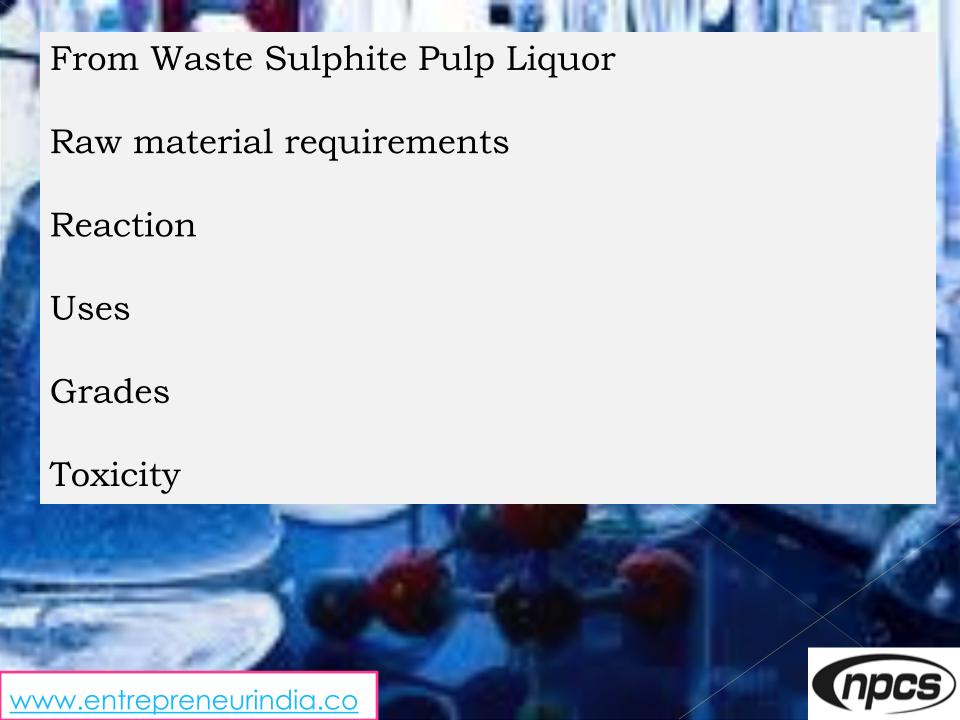
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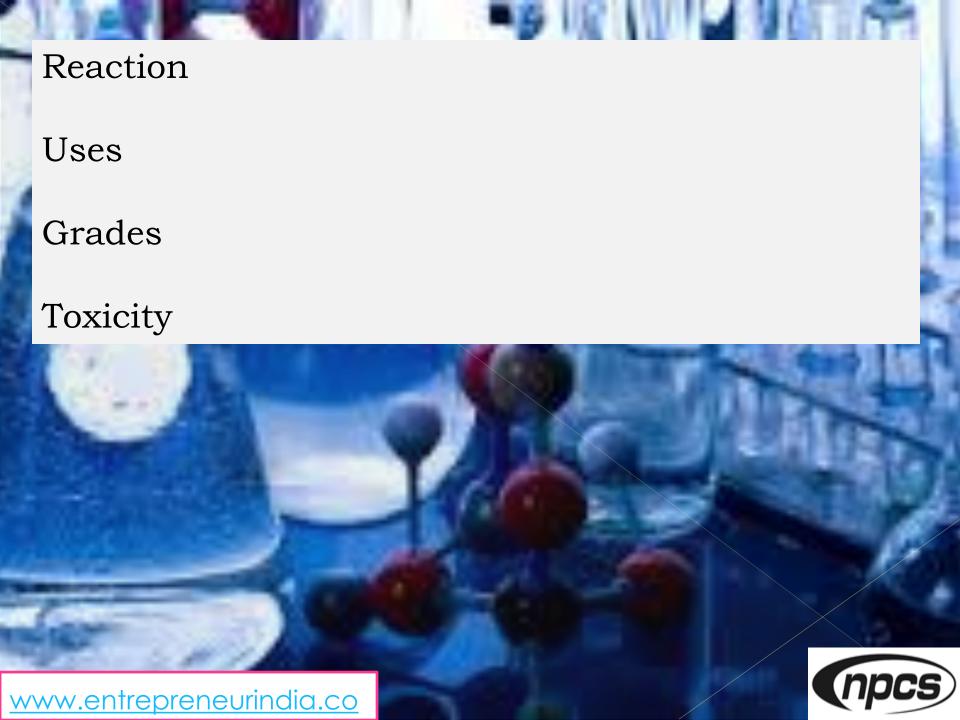
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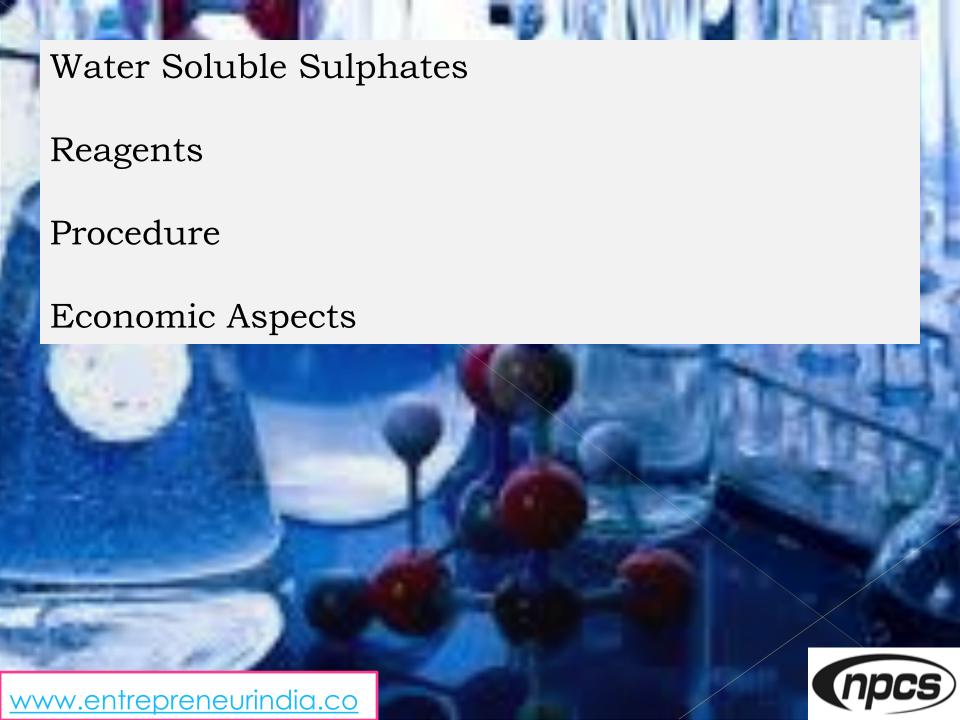
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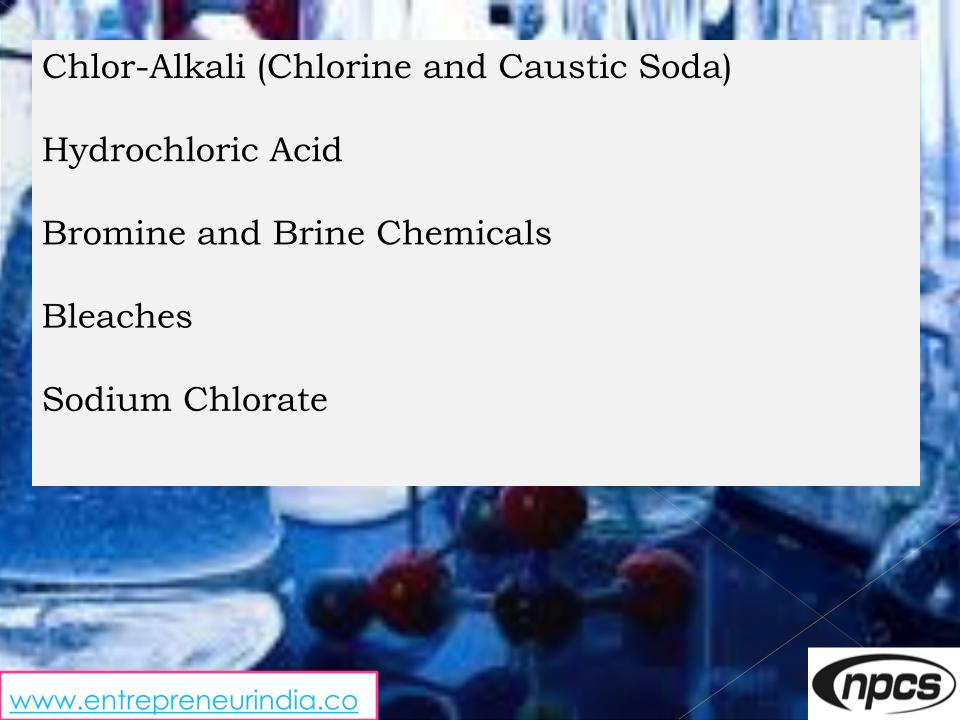
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Sodium Sulfides



Sodium Thiosulfate Sodium Sulfite Sodium Bisulfite Sodium Hyposulfite Sodium Phosphates Sodium Silicate www.entrepreneurindia.co



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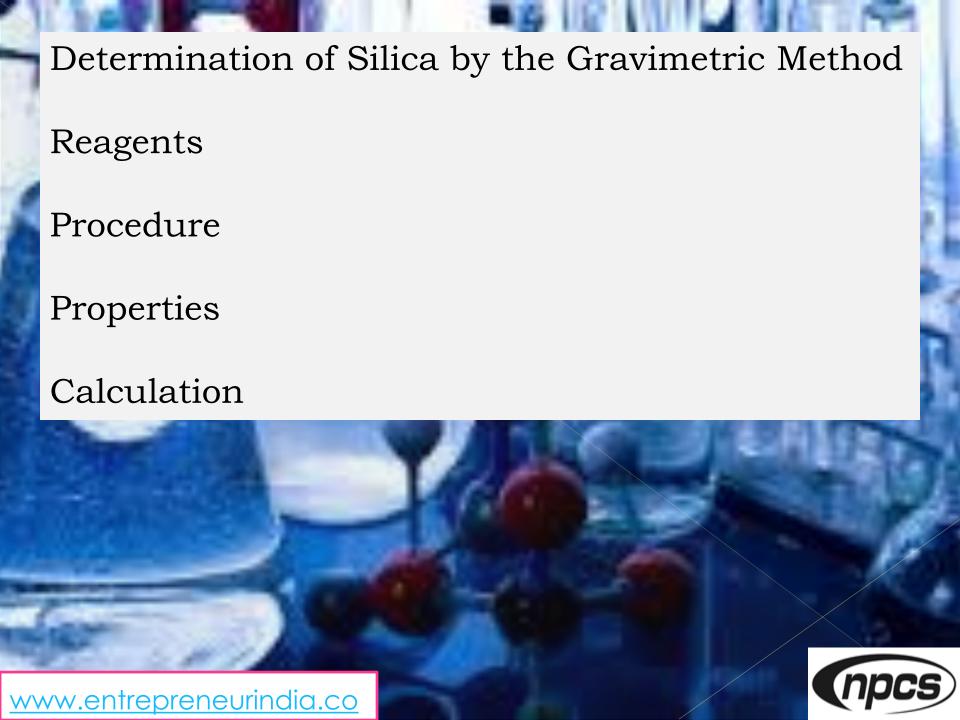
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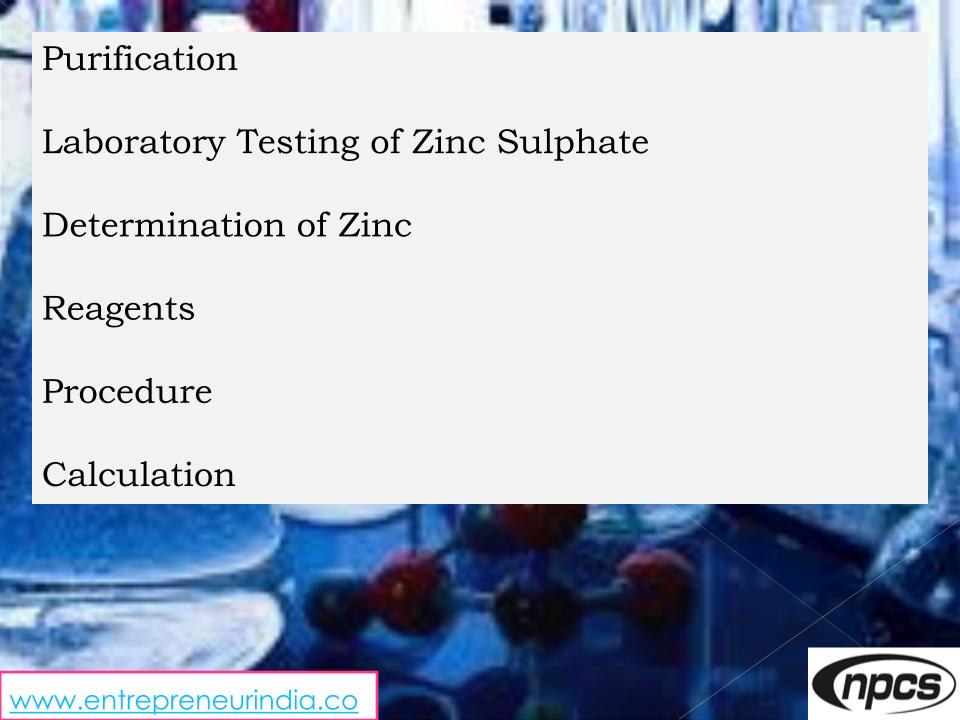
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Chemical Manufacturing, Chemical Industry, Chemical Processing, Chemical Process Industry, Chemical Production Process, Manufacturing Chemicals, Chemicals Manufacture, Manufacture of Chemicals, Chemical Processing Plants, Chemical Manufacturing Process, Process and Chemical Industries, Chemical Production, Manufacture and Uses of Chemicals, Chemical Manufacturing Process, Chemical Plants, Products for Chemical Processing Industry, Chemicals Manufacturing Industries in India, Chemical Manufacturing Plants, Chemical Manufacturing & Processing, Chemical Plants & Equipment, Chemical Manufacture Business Plan, Small Scale Chemical Business Ideas & Opportunities, Startup Guide for Chemical Manufacturing Business, Profitable Chemical Business Ideas, Chemical Business Ideas, Production Chemical Business Plan, How to Start Chemical Trading Business, Chemical Business Ideas in India, How to Start Chemical Business, Investment Opportunities in Chemical Industry, Opportunities in Chemical Business, How to Start Chemical Trading Business in India, Chemical Business Opportunities, Startup Guide for Chemical Manufacturing Business, Small Chemical Business Ideas, Starting Chemical Business, How to Start Your Own Chemical Business, Chemical Manufacturing Business Ideas, Chemical Manufacturing Plants, Chemical Plant In India, 2-Chloro-6(Trichloromethyl)-Pyridine Manufacturing Process, Alkylamines Manufacturing Process, Process of Alum Plant, Alum Manufacturing Plant, Alum Production Plant, Bleaching Powder Production, Manufacturing of Bleaching Powder, Small-Scale Manufacture of Bleaching Powder, Process for Production of Bleaching Powder.



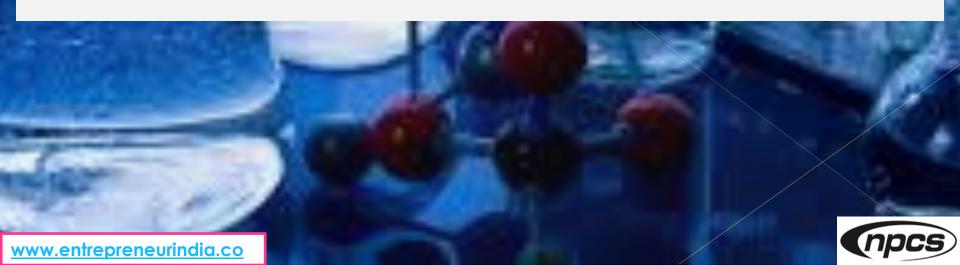
How to Make Bleaching Powder, Bleaching Powder Manufacturing Plant, Ceramic Chemicals Manufacturing Process, Manufacture of Chloroform, Process for Making Chloroform, Chloroform Manufacturing Plant, Process for Manufacture of Chloramphenicol, Production of Chloramphenicol, Process for Manufacture of Coumarin, Manufacture of Coumarin, Construction Material Manufacturing Process, Material And Manufacturing Process Produces Corrosion Inhibitor, Corrosion Inhibition Chemicals Manufacture, Corrosion Inhibitors Industry, Drug Intermediates & Pharmaceuticals, Manufacturing Process of Drug Intermediates & Pharmaceuticals, Dry Cleaning Solvent, Manufacturing Process of Dyes and Intermediates, H-Acid Manufacturing Process, Manufacturing Process of Rhodamine B (Basic Dye), Manufacture of Faty Acids, Manufacturing Process of Herbicide, Industrial Halogens Manufacture, Manufacturing Process of Inorganic Chemicals, Inorganic Salts Metallic Stearates Manufacture, Manufacturing Process of Metal Manufacture, Treatment and Degreasing Chemicals, Trichloroethylene Manufacture, Manufacturing Process of Acetaldehyde, Ethylene Dichloride Manufacture,



Glycerine Manufacture, Perfumery, Fragnance and Flavour, Manufacturing Process of Phenylacetic Acid, Plasticiser Manufacture, Manufacturing Process of Diamyl Phthalates, Manufacturing Process of Tricresyl Phosphate, Rubber & Rubber Chemicals Manufacturing, Manufacture of Sulfuric Acid, Manufacturing Process of Zinc Sulphate, NPCS, Niir, Process Technology Books, Business Consultancy, Business Consultant, Project Identification and Selection, Preparation of Project Profiles, Startup, Business Guidance, Business Guidance to Clients, Startup Project, Startup Ideas, Project for Startups, Startup Project Plan, Business Start-Up, Business Plan for Startup Business, Great Opportunity for Startup, Small Start-Up Business Project, Best Small and Cottage Scale Industries, Startup India, Stand Up India, Small Scale Industries, New Small Scale Ideas for Industrial Halogens Processing Industry, Chemical Manufacturing Business Ideas You Can Start on Your Own, Indian Glycerine Processing Industry, Small Scale Inorganic Chemicals Processing, Guide to Starting and Operating Small Business,



Business Ideas for Alum Manufacturing, How to Start Chemical Manufacturing Business, Starting Rubber Chemicals Manufacturing, Start Your Own Chloroform Manufacturing Business, Corrosion Inhibition Chemicals Production Business Plan, Business Plan for Bleaching Powder Production, Small Scale Industries in India, Chemical Manufacturing Based Small Business Ideas in India, Small Scale Industry You Can Start on Your Own, Business Plan for Small Scale Industries, Set Up Chemical Processing, Profitable Small Scale Manufacturing, How to Start Small Business in India, Free Manufacturing Business Plans, Small and Medium Scale Manufacturing, Profitable Small Business Industries Ideas, Business Ideas for Startup



Niir Project Consultancy Services (NPCS) can provide Process

Technology Book on

Production of Chemicals

2-Chloro-6 (Trichloromethyl) -Pyridine, Alkylamines, Alum, Zinc Sulphate, Sulfur and Sulfuric Acid, Solvents, Silicone Resin, Silica Gel Sio2nh2o, Salicylic Acid, Saccharin, Rubber & Rubber Chemicals, Resorcinol (3-Hydroxy Phenol), Red Lead (Pb3o4), Red Iron Oxide, Potassium Permanganate (Kmno4), Plasticiser, Phosphorus and Phosphates, Perfumery, Fragnance and Flavour)

See more

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OUR CLIENTS

Our inexhaustible Client list includes publicsector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

Click here to take a look

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Free Instant Online Project Identification & Selection Search Facility

Selection process starts with the generation of a product idea. In order to select the most promising project, the entrepreneur needs to generate a few ideas about the possible projects.

Here's we offer a best and easiest way for every entrepreneur to searching criteria of projects on our website www.entrepreneurindia.co that is "Instant Online Project

<u>Identification and Selection</u>"



NPCS 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.

Click here to go

http://www.entrepreneurindia.co/project-identification



Contact us

Niir Project Consultancy Services

106-E, Kamla Nagar, Opp. Spark Mall,

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Take a look at NIIR PROJECT CONSULTANCY SERVICES on

#StreetView

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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.





What do we offer? Project Identification Detailed Project Reports/Pre-feasibility Reports Business Plan Industry Trends Market Research Reports Technology Books and Directory Databases on CD-ROM Laboratory Testing Services Turnkey Project Consultancy/Solutions Entrepreneur India (An Industrial Monthly Journal) www.entrepreneurindia.co

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** www.entrepreneurindia.co

Who do we serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- O NRI's
- Foreign Investors
- Non-profit Organizations, NBFC's
- Educational Institutions
- Embassies & Consulates
- Consultancies
- Industry / trade associations



Sectors We Cover Ayurvedic And Herbal Medicines, Herbal Cosmetics 0 Alcoholic And Non Alcoholic Beverages, Drinks 0 Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin Activated Carbon & Activated Charcoal 0 Aluminium And Aluminium Extrusion Profiles & Sections, 0 Bio-fertilizers And Biotechnology 0 Breakfast Snacks And Cereal Food 0 Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling 0 www.entrepreneurindia.co

- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- O Biodegradable & Bioplastic Based Projects
- Chemicals (Organic And Inorganic)
- Confectionery, Bakery/Baking And Other Food
- Cereal Processing
- Coconut And Coconut Based Products
- Cold Storage For Fruits & Vegetables
- Coal & Coal Byproduct



- Copper & Copper Based Projects
- Dairy/Milk Processing
- O Disinfectants, Pesticides, Insecticides, Mosquito Repellents,
- O Electrical, Electronic And Computer based Projects
- O Essential Oils, Oils & Fats And Allied
- Engineering Goods
- Fibre Glass & Float Glass
- Fast Moving Consumer Goods
- O Food, Bakery, Agro Processing



- Fruits & Vegetables Processing
- Ferro Alloys Based Projects
- Fertilizers & Biofertilizers
- Ginger & Ginger Based Projects
- Herbs And Medicinal Cultivation And Jatropha (Biofuel)
- Hotel & Hospitability Projects
- Hospital Based Projects
- Herbal Based Projects
- Inks, Stationery And Export Industries



- Infrastructure Projects
- Jute & Jute Based Products
- Leather And Leather Based Projects
- Leisure & Entertainment Based Projects
- Livestock Farming Of Birds & Animals
- Minerals And Minerals
- Maize Processing(Wet Milling) & Maize Based Projects
- Medical Plastics, Disposables Plastic Syringe, Blood Bags
- O Organic Farming, Neem Products Etc.



- O Paints, Pigments, Varnish & Lacquer
- O Paper And Paper Board, Paper Recycling Projects
- Printing Inks
- Packaging Based Projects
- O Perfumes, Cosmetics And Flavours
- O Power Generation Based Projects & Renewable Energy Based Projects
- Pharmaceuticals And Drugs
- O Plantations, Farming And Cultivations
- O Plastic Film, Plastic Waste And Plastic Compounds
- O Plastic, PVC, PET, HDPE, LDPE Etc.



- Potato And Potato Based Projects
- Printing And Packaging
- O Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals



Sectors We Cover cont... Township & Residential Complex 0 Textiles And Readymade Garments 0 Waste Management & Recycling 0 Wood & Wood Products \bigcirc Water Industry(Packaged Drinking Water & Mineral Water) Wire & Cable www.entrepreneurindia.co

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