

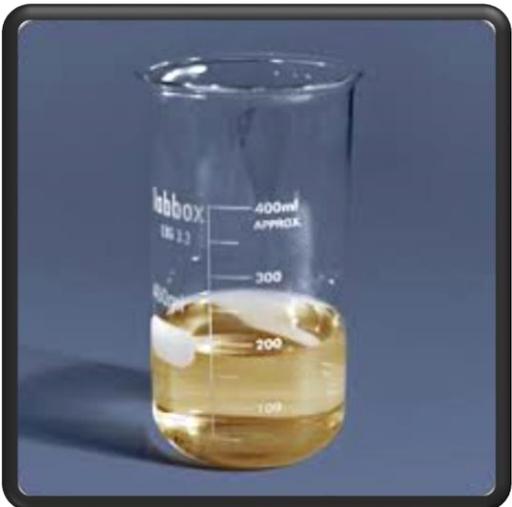
➤ Sodium Aluminate

Sodium aluminate is an inorganic chemical that is used as an effective source of aluminium hydroxide for many industrial and technical applications. Pure sodium aluminate (anhydrous) is a white crystalline solid having a formula variously given as NaAlO_2 , $\text{NaAl}(\text{OH})_4$ (hydrated), $[\text{2}]\text{Na}_2\text{O}\cdot\text{Al}_2\text{O}_3$, or $\text{Na}_2\text{Al}_2\text{O}_4$. Commercial sodium aluminate is available as a solution or a solid.



Other related compounds, sometimes called sodium aluminate, prepared by reaction of Na_2O and Al_2O_3 are Na_5AlO_4 which contains discrete AlO_4^{5-} anions, $\text{Na}_7\text{Al}_3\text{O}_8$ and $\text{Na}_{17}\text{Al}_5\text{O}_{16}$ which contain complex polymeric anions, and $\text{NaAl}_{11}\text{O}_{17}$, once mistakenly believed to be β -alumina, a phase of aluminium oxide.

Sodium aluminate is widely used in water and wastewater treatment industry within the scope of the globe, rapidly spread of paper making industry, cement, concrete and titanium dioxide industry, and many others.



➤ Softy Ice Cream

The Global Ice Cream Market was valued at \$68,072 million in 2016, and is projected to reach \$97,301 million by 2023, registering a CAGR of 5.4% from 2017 to 2023. Ice cream is dairy product, which is sweetened with either natural sugar or artificial sweeteners. Various ice creams are provided by the companies present in the market, including hard ice cream, soft ice cream, light ice cream, low-fat ice cream, and others. Summer is an undisputed season for the consumption of ice cream and related products.



➤ **Chelated Zinc (Zn-EDTA)**

Chelated zinc is divided into two main types: organic acids and amino acids. The organic acids that are usually attached to zinc include picolinic acid, orotic acid, citric acid and gluconic acid. Amino acids that are commonly attached to zinc include methionine, monomethionine and aspartic acid.

Zinc contributes to healthy skin. It also supports cell growth and DNA formation. It exerts antioxidant activity and can support a healthy immune system. The patented chelated form of zinc in this formulation helps to promote optimal absorption. Chelated Zinc EDTA fertilizer is compatible with other fertilizers and nutrients and is ideal for maintenance application before deficiency appears. Chelated Zinc EDTA is highly efficient and available to support plant growth.



➤ **Limestone Powder**

Limestone Powder is used in more daily products than one might think. Limestone Powder is a sedimentary rock, formed by inorganic remains, such as shells or skeletons that have compressed for a very long time. Limestone powders are made by grinding the limestone in different mills. Limestone powders are used widely in different applications. It is also used as raw material for making limestone granules with the binder.





Limestone powder is a sedimentary rock composed primarily of calcium carbonate (CaCO₃) in the form of the mineral calcite. It most commonly forms in clear, warm, shallow marine waters. It is usually an organic sedimentary rock that forms from the accumulation of shell, coral, algal, and fecal debris.

The global Limestone market is expected to grow significantly at a CAGR of 6.02% during the forecast period, 2018-2023. The Asia-Pacific region is estimated to lead the market due to its rapid growth in the building & construction industries.

Limestone industry comprises companies that operate by manufacturing, production of mining or quarrying crushed and broken limestone. Limestone, often referred to as the world's most versatile mineral, is an important raw material for various industries. According to US Geological survey, the crushed limestone production is the largest of three related industries that extract and process non-fuel, nonmetallic minerals.



➤ **Cold Rolled Pressed Steel Doors & Windows**

Steel doors are widely used in houses, apartments and in places where door operating conditions require a higher resistance to loads, mechanical damages and corrosion. The use of metal materials does not preclude the creation of interesting and structurally advanced products.





A door is a panel that makes an opening in a building, room or vehicle. Doors are usually made of a hard, impermeable, and hard-to-break substance (such as wood or metal), but sometimes consisting of a hard frame into which windows or screens have been fitted. Doors are often attached by hinges to a frame. Doors make ingress into or egress from a building, room, or vehicle easier to manage.

Windows and doors market witnessed significant growth, accounting for \$184 billion in 2015, and is expected to reach \$282 billion by 2022, growing at a CAGR of 6.3% during the forecast period. The market growth is driven by factors such as advancements by market players producing ecofriendly windows & doors, rise in consumer spending on home improvement, and surge in residential & nonresidential construction.

➤ Antimony Trioxide

Antimony (III) oxide is the inorganic compound with the formula Sb_2O_3 . It is the most important commercial compound of antimony. It is found in nature as the minerals valentinite and senarmontite. Like most polymeric oxides, Sb_2O_3 dissolves in aqueous solutions with hydrolysis. Antimony trioxide, also known as antimony (III) oxide, is a chemical compound. Its chemical formula is Sb_2O_3 . It has antimony and oxide ions in it. It has antimony in its +3 oxidation state.





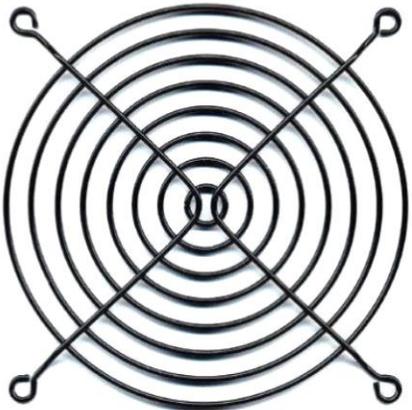
Antimony oxide is mainly produced by two ways either by oxidation of antimony or by the process of re-volatilizing of crude antimony trioxide. The method of production is mainly dependent on the composition of ores.

The antimony market size is projected to reach USD 2.37 billion by 2023, at a CAGR of 6.0% between 2018 and 2023. The growth of the antimony market can be attributed to the increasing use of antimony in the chemical industry. In the chemical industry, antimony is prominently used in flame synergist, catalyst, and stabilizer. The automotive industry is the second-largest end-use industry of antimony. Antimony is used in lead acid batteries in the automotive sector.



➤ Fan Guard (Jalli for Fan)

Fan guards are used to provide a physical barrier around spinning fan blades to prevent accidental contact with fingers or other objects. They are typically constructed using metal wire or plastic. Fan guards are manufactured in a variety of configurations which depend upon the degree of accessibility required and the shape of the fan blades themselves.





Fan guards are designed to maximize air flow while minimizing noise. Some fan guards are assemblies that include filter media intended to reduce passage of dust particles and other contaminants through the fan into enclosures.

Fan guards, sometimes referred to as finger guards, fan covers, or fan filters, are can be integrated for purposes of safety, and as a means to reduce external contaminants from entering the enclosure.



➤ Plastic Toys

Plastic Toy is an item that is used in play, especially one designed for such use. Playing with toys can be an enjoyable means of training young children for life in society.



➤ Saffron Cultivation

Saffron Farming, the kind of soil is more important than the climate of the area where it is intended to be grown. Saffron thrives best in warm sub-tropical climate and can be grown at 2000 meters of mean sea level. Saffron is the most expensive spice in the world and it is derived from the dry stigmata of the plant “Crocus Sativus”. Saffron is popularly known as “Red Gold”. Saffron can be grown anywhere in the world and growing it is however very simple and accessible to anyone.





Saffron Farming, flowering starts in the month of October and last for a month. Harvesting should be carried when the flowers are in full bloom stage and early morning picking is proffered. After harvesting the flowers, extract the red pistils from the flowers.

Saffron Market size is expected to witness a high growth owing to increasing demand from food and beverage sector. Rising demand of saffron (kesar) in multi-cuisine food worldwide as a key food ingredient in culinary dishes is driving the product market. Additionally, growing specialized cuisine market globally is likely to propel product market size.

Global saffron market is anticipated to grow at a steady CAGR in the upcoming years. Saffron by nature yields a significant output with low inputs in terms of energy, nutrients and water. Saffron production is carried out worldwide but is a prominent business across markets. Good agricultural practices in saffron production have now incepted to outgrow the advantages and overcome the associated limitations.

➤ Graphite Electrode for Arc Furnace

Graphite electrodes are the main heating element used in an electric arc furnace, a steelmaking process where scrap from old cars or appliances is melted to produce new steel.

Graphite electrodes offer excellent thermal resistance and high current carrying capacity which makes them a suitable choice in electric arc furnaces (EAF) steel, refinement of steel and similar smelting processes. Besides EAF and LF, graphite electrodes are also used for electrolytic aluminum smelting and electrical discharge machining (EDM).





The global graphite electrode market size was valued at USD 3.83 billion in 2016 and is anticipated to grow on account of increasing steel production through electric arc furnace (EAF) route in developed as well as developing nations. Excellent temperature resistance, high electrical & thermal conductivity, and ultra-high bending resistance of these materials are expected to augment growth over the forecast period.

Graphite electrodes are large cylindrical structures made up of needle coke (petroleum coke). These electrodes are available in small or large diameters for high-temperature and high-intensity applications. Graphite electrodes are mainly used for steel manufacturing in electric arc furnaces. They are also used in steel refining and smelting processes. The key application of graphite electrodes is in production of steel and non-ferrous metals.

➤ Nitrocellulose Lacquer

Nitrocellulose lacquer is a material which has many uses both inside and outside the home. Like any other lacquer, it can be used to finish wood products and keep painted surfaces shining, though there is much more to it than that. Nitrocellulose lacquer was initially marketed as a fast-drying alternative to wood treatments such as shellac and varnishes. It was also combined with pigment to produce one of the first spray-on paints.





Nitrocellulose lacquer is made by mixing fast-drying solvents with wood and cotton pulp containing cellulose that has been broken down by nitric and sulfuric acid. Nitrocellulose is a highly inflammable compound produced by nitrating cellulose by exposure to nitric acid or other powerful nitrating agent. Nitrocellulose when utilized as a low-order explosive or propellant it is known as guncotton.



➤ **Cardamom Cultivation**

Cardamom production employs plants of the genera Elettaria and Amomum in the ginger family Zingiberaceae. Cultivation of cardamom was introduced to Guatemala before World War I by Oscar Majus Kloeffer; today Guatemala is the world's biggest producer and exporter, followed by India and Sri Lanka; Saudi Arabia and Kuwait are the leading importers of the spice. After saffron and vanilla, cardamom is the third most expensive spice by weight.



Cardamom sometimes cardamon or cardamum, is a spice made from the seeds of several plants in the genera Elettaria and Amomum in the family Zingiberaceae. Both genera are native to the Indian subcontinent and Indonesia. They are recognized by their small seed pods: triangular in cross-section and spindle-shaped, with a thin, papery outer shell and small, black seeds.

Cardamom popularly known as “ILAICHI” or “ELAICHI” in India and referred as ‘Queen of Spices’. It is actually a dried fruit of a tall perennial plant. It is part of the ‘Zingiberaceae’ family. In India, Cardamom is cultivated in Karnataka, Kerala, and Tamilnadu. Because of its aroma and flavour, Cardamom is one of the most expensive spices in the world.





Cardamom is called as queen of spices which has exotic aromatic flavors. Cardamom is an oldest and third most expensive spice after saffron and vanilla. Cardamom has warm fortifying fragrance that adds extra advantage to ancient spices. Cardamom is derived from the Latin word cardamomum which is a kind of Indian spice plant. Three years are taken by cardamom plant to bear fruits which are productive for more than 5 to 6 years.

Almost 72% global productions are originated from two producers Guatemala in Central America and South India. Due to climatic conditions, cardamom is produced whole year in Guatemala which has a big advantage in export market. According to our report Saudi Arabia is the largest importer of cardamom due to flavored drinks like concoction which is very popular in Middle East region such as Kuwait, Saudi Arabia and UAE etc.



Cardamom is also used for medical purposes as it is very curative in nature. It helps in healing of sore throat, whitening of teeth, digestive disorders etc. Cardamoms, being one of the primary ingredients are used in herbal health supplements such as tea bags, cardamom powders, cardamom liquids etc.

One of the boosting factors that is driving the growth of Cardamom Market is accelerating use of cardamom in developing countries such as Middle east and Africa, Latin America, South east Asia etc. These countries consume more amount of cardamom products such as concoction drink, cardamom oil etc. Since cardamom is third most expensive spice globally so it can only be owned by upper middle class and rich population.





Tags

Start your own Business, Industries for Starting a Business, Best Industries for Starting a Business in 2019, what's the Best Industry to Start a Business? Industries for Hot Start-Ups, Fast-Growing Industries to Consider when Starting a Business, Growing Industries to Start a Business, Top Industries, Small Business Manufacturing Ideas, How to Start a Business, Profitable Small Scale Manufacturing Business Ideas In India, Profitable Manufacturing Business Ideas you can Start, Business Ideas that'll Make Money, Business Ideas for Entrepreneurs, Greatest Business Ideas for Young Entrepreneurs, Business Ideas to Make Easy Money, List of Business Ideas, Sodium Aluminate, Process of Making Sodium Aluminate, Preparation of Sodium Aluminate, Production of Sodium Aluminate, How to Make Sodium Aluminate, Sodium Aluminate Manufacture, Softy Ice Cream, Ice Cream Production, Ice Cream Manufacture, Softy Making Business, Start your own Ice-Cream Business, Ice Cream Manufacturing Process Pdf, Ice Cream Manufacturing Process Flow Chart, Ice Cream Manufacturing Process PPT, Chelated Zinc (Zn-Edta), How to Make Chelated Zinc, Project Report on Chelated Zinc (Zn-Edta), Limestone Powder, How to Start a Limestone Processing Plant, Limestone Powder Processing Industry, Cold Rolled Pressed Steel Doors & Windows, Pressed Steel Door Window, Project Report on Cold Rolled Pressed Steel Door Window, Antimony Trioxide Formula, Manufacture of Antimony Trioxide, Fan Guard (Jalli for Fan), Fan Guards, Fan Grills, Fan Guards Manufacturing Unit, Fan Guard, Fan Guard Manufacture, Fan Guard Making Business, Plastic Toys Production, How to Make Plastic Toys, Production of Plastic Toys, Toy Manufacture, Saffron Cultivation, Cultivation of Saffron, Saffron Farming,



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Major Queries/Questions Answered in Our Report?

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

- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**



- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
- 11. What is the Manufacturing Process of the plant?**
- 12. What is the total size of land required for setting up the plant?**
- 13. What will be the income and expenditures for the plant?**
- 14. What are the Projected Balance Sheets of the plant?**

- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**

- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**



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- **The 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**
- **The report provides vital information on the product like it's characteristics and segmentation**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**



- **The 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**
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- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
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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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