

Fastest-Growing Industry of Chemicals. Start Investing in

Chemical Industry

Start Production of Chemicals

(Magnesium Stearate, Magnesium Sulphate

(Epsom Salt), Sodium Sulphate (Anhydrous),

Methyl Ethyl Ketone)



Magnesium Stearate

Magnesium Stearate

Magnesium Stearate



Magnesium stearate is a fine white powder that is greasy to the touch and sticks to human skin. It's a basic salt made up of two ingredients: stearic acid, a saturated fat, and magnesium, a mineral. Magnesium stearate is a popular ingredient in a wide range of foods, pharmaceuticals, and cosmetics. Its primary function in drugs and vitamins is to serve as a lubricant.



Magnesium stearate, or Mg stearate, is a chemical compound with the formula Mg stearate (C₁₈H₃₅O₂) Its soap, made up of two stearate (stearic acid's anion) and one magnesium cation (Mg²⁺) equivalents in a salt. Magnesium stearate is a powder that is white and insoluble in water. Its softness, insolubility in a wide range of solvents, and low toxicity are all used in its applications.



It's used in the manufacturing of pharmaceuticals and cosmetics as a release agent and as a part or lubricant. Bathtub rings have a lot of magnesium stearate. Magnesium stearate and calcium stearate both form a white solid that is insoluble in water when formed by soap and hard water, and are collectively known as soap scum. Magnesium stearate is commonly considered to be healthy to eat.

Uses of Magnesium Stearate

In the production of medicinal pills, capsules, and powders, magnesium stearate is often used as an anti-adherent. The material is also useful in this regard because it has lubricating properties, which prevent ingredients from sticking to manufacturing equipment during the compression of chemical powders into solid tablets; magnesium stearate is the most widely used tablet lubricant. Magnesium stearate can be used in dry coating processes as well. Magnesium stearate is used to bond sugar in hard candies like mints and serves as a release agent in the production of pressed candies.

The market is expanding due to the rapid growth of the pharmaceutical industry in Asia-Pacific and the increased use of magnesium stearate in personal care products. The pharmaceutical industry has a strong demand for powdered magnesium stearate, which can be attributed to its increasing use as an ideal release agent during the drug manufacturing process. The global magnesium stearate market is projected to expand at a compound annual growth rate (CAGR) of more than 5.5 percent.



Magnesium stearate is a basic salt made from the minerals magnesium and stearic acid, a saturated fat. It's mostly used as a dietary supplement in the food and beverage industry, as well as in a variety of pharmaceutical applications. Magnesium stearate is a salt made up of two dietary ingredients: saturated fat stearic acid and the mineral magnesium. It's widely used as a flow agent in pharmaceuticals and nutritional supplements. The growing use of magnesium stearate in the pharmaceutical industry is propelling the global magnesium stearate market forward.

Magnesium Sulphate

(Epsom Salt)

(Epsom Salt)

Magnesium Sulphate

Magnesium Sulphate (Epsom Salt)

Magnesium sulphate, also known as magnesium sulphate in British English, is a salt with the formula $MgSO_4$ that contains magnesium cations Mg^{2+} (20.19 percent by mass) and sulphate anions SO_4^{2-} . It is a white crystalline solid that is water soluble but not ethanol soluble. Magnesium sulphate is commonly found in the form of a hydrate, $MgSO_4 \cdot nH_2O$, with n values ranging from 1 to 11.





Magnesium sulphate is another name for Epsom salt. It's a magnesium, sulphur, and oxygen-based chemical compound. Magnesium sulphate is an injection-grade sterile solution of magnesium sulphate heptahydrate in water. Magnesium sulphate prevents convulsions by preventing nerve and muscle transmission. It also lowers acetylcholine levels, a chemical used by nerves to communicate with other nerves and tissues.

Uses of Magnesium Sulphate (Epsom Salt)

Magnesium sulphate is a laxative that is used to treat occasional constipation. Magnesium sulphate can be used for a variety of other things that aren't mentioned in this drug guide. Overdoing it on magnesium sulphate can have severe, life-threatening consequences. Magnesium can also aid in the production of melatonin, a sleep-promoting hormone. Constipation is often treated with magnesium. Magnesium sulphate has been used in medicine since at least 1618. Magnesium sulphate is used in bath salts to soothe sore feet, particularly in foot baths.



The magnesium sulphate market is expected to grow rapidly, with a volume CAGR of 5.3 percent and a value CAGR of 5.7 percent, respectively. Magnesium sulphate, also known as Epsom Salt, has a wide range of uses in the medicinal, agricultural, and food processing industries. The scale of the food and pharmaceutical industries has greatly expanded as the world's population grows. Magnesium sulphate has long been used to treat and prevent low blood magnesium and seizures in eclampsia patients.



Magnesium sulphate is used for a variety of purposes in these industries, and with the upward trend in these industries, the demand for magnesium sulphate is expected to expand significantly. Furthermore, the increased use of magnesium sulphate in the personal care and cosmetics sector to formulate a variety of important personal care items, such as hair products, skincare products, sun-tan products, and skin fresheners, would create new opportunities for the global magnesium sulphate industry to expand.

Sodium Sulphate

(Anhydrous)

(Anhydrous)

Sodium Sulphate (Anhydrous)

The sodium salt type of sulfuric acid is sodium sulphate anhydrous. In water, sodium sulphate anhydrous dissociates into sodium and sulphate ions. The sodium ion is the most abundant cation in extracellular fluid and is used extensively in the treatment of fluid and electrolyte imbalances. An electrolyte replenisher, sodium sulphate anhydrous is used in isosmotic solutions to ensure that administration does not disrupt normal electrolyte balance or cause water and ion absorption or excretion.





The unusual mineral the nardite is anhydrous sodium sulphate, which is used as a drying agent in organic synthesis. Heptahydrate sodium sulphate is a very rare type of sodium sulphate. The mineral metabolite sodium sulphate, also known as dehydrate sodium sulphate, is commonly used in the chemical industry. Lauper's salt is another name for it. Sodium Sulfate anhydrous is used in a variety of industries, including: Food, Textile, Surplus, Effluent, Pulp and Paper, Soaps and Detergents Leather

Uses of Sodium Sulphate (Anhydrous)

Organic liquids are dried with sodium sulphate. In powdered home laundry detergents as a filler. As a fining agent for molten glass, it eliminates tiny air bubbles. Anhydrous sodium sulphate Synthetic detergent, glass, papermaking, inorganic salts, dyestuff, alcohol fibre, tanning, metal smelting, surface treatment, and filler industries, among others, use it as a raw material. Anhydrous sodium sulphate is a popular inert drying agent in the laboratory for removing traces of water from organic solutions.



The Global Sodium Sulfate Anhydrous Market is predicted to grow at a significant rate. Due to a number of positive trends, the Sodium Sulfate Anhydrous Market is expected to expand rapidly in the coming years. Sodium Sulphate is a significant compound that can be found in lakes, arid regions, and springs. Mirabilite, a pure hydrous form of sodium sulphate, is a primary source for obtaining the anhydrous form of sodium sulphate.



In terms of volume and pricing, Asia Pacific dominated the sodium sulphate market. China is the world's largest producer and user of natural sodium sulphate. China consumes almost half of the world's sodium sulphate. In comparison to other exporting countries, China's sodium sulphate costs are relatively poor.

Methyl Ethyl Ketone

Μεθυλι Εθυλι Κετόνη

Methyl Ethyl Ketone



Methyl Ethyl Ketone (MEK), also known as Butanone or Methyl Acetone, is an organic compound. Butanone is an organic compound with the formula $\text{CH}_3\text{C}(\text{O})\text{CH}_2\text{CH}_3$ and the formula $\text{CH}_3\text{C}(\text{O})\text{CH}_2\text{CH}_3$. The odour of this colorless liquid ketone is sharp and sweet, similar to acetone. It is manufactured on a large scale in the industrial sector, but only in trace amounts in nature. It is used as an industrial solvent since it is partly soluble in water. It's an isomer of tetrahydrofuran, another solvent.



Butanone is a natural solvent that is used in the production of gums, resins, cellulose acetate and nitrocellulose coatings, as well as vinyl films. Methyl Ethyl Ketone is a dialkyl ketone that has a single keto group at the C-2 position and is made up of four carbon atoms. It acts as a polar aprotic solvent and bacterial metabolite. MEK is particularly useful in the formulation of high-solids coatings, which help to minimize coating-related emissions.

Uses of Methyl Ethyl Ketone

MEK, or methyl ethyl ketone peroxide, is a catalyst that is used to start the polymerization of polyester resins used in fibre glass reinforced plastics. As a solvent, methyl ethyl ketone is used. In humans, acute (short-term) inhalation exposure to methyl ethyl ketone causes eye, nose, and throat irritation. MEK is also used as a solvent for fats, oils, waxes, and resins. Because of its ability to dissolve polystyrene and other plastics, Methyl Ethyl Ketone is used as a plastic welding agent. It's also used to make varnishes and paraffin wax.

The global Methyl Ethyl Ketone market was worth USD 2.56 billion in 2015, and it is projected to develop at a CAGR of 4.9 percent in the coming years. The main customer is the paints and coatings industry, where the substance is commonly used as a solvent. Positive demand for adhesives, printing inks, paints, and coatings is expected to remain a key factor driving the global market, thanks to rising construction spending, especially in the Asia Pacific and Middle East regions.





MEK is also used in the manufacture of antiseptics, lotions, and medications in the pharmaceutical and personal care industries. As a result, demand is expected to be fueled by the pharmaceutical industry's rapid growth as a result of rising healthcare expenditure in Asian countries. Due to properties such as low viscosity, good solvency, and high evaporation rate, methyl ethyl ketone is commonly used as a solvent in paints and coating applications.

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#MagnesiumStearate #MagnesiumStearateMarket

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#SodiumSulfate(Anhydrous)

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#Anhydrous

#SodiumSulfateMarket

#MethylEthylKetone

#MethylEthylKetoneMarket

#ChemicalIndustry

#ChemicalBusiness

#ChemicalProduction

#ChemicalManufacturing #ChemicalProject
#ChemicalBusiness #DetailedProjectReport
#businessconsultant #BusinessPlan
#feasibilityReport #NPCS #entrepreneurindia
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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?**
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- 28. What is the Plant Layout for setting up the plant?**

Reasons for Buying Our Report:

- **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**
- **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**

Free Instant Online Project Identification and Selection Service

Our 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.....[Read more](#)

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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](#)



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NIIR PROJECT CONSULTANCY SERVICES

AN ISO 9001: 2015 CERTIFIED 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**

What do We Offer?

- **Project Identification**
- **Detailed Project Reports/Pre-feasibility Reports**
- **Business Plan**
- **Market Research Reports**
- **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

Who do we Serve?

- Public-sector Companies
- Corporates
- Government Undertakings
- Individual Entrepreneurs
- 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
- Alcoholic And Non Alcoholic Beverages, Drinks
- Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin
- Activated Carbon & Activated Charcoal
- Aluminium And Aluminium Extrusion Profiles & Sections,
- Bio-fertilizers And Biotechnology
- Breakfast Snacks And Cereal Food
- Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling

Sectors We Cover *Cont...*

- Bamboo And Cane Based Projects
- Building Materials And Construction Projects
- 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

Sectors We Cover *Cont...*

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

Sectors We Cover *Cont...*

- 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

Sectors We Cover

Cont...

- 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
- Organic Farming, Neem Products Etc.

Sectors We Cover *Cont...*

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

Sectors We Cover *Cont...*

- Potato And Potato Based Projects
- Printing And Packaging
- 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
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

Objective

- ⌘ To get a detailed scenario of the industry along with its structure and classification
- ⌘ To provide a comprehensive analysis of the industry by covering aspects like:
 - ⌘ Growth drivers of the industry
 - ⌘ Latest market trends
 - ⌘ Insights on regulatory framework
 - ⌘ SWOT Analysis
 - ⌘ Demand-Supply Situation
 - ⌘ Foreign Trade
 - ⌘ Porters 5 Forces Analysis

Objective

- ∞ To provide forecasts of key parameters which helps to anticipate the industry performance
- ∞ To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- ∞ To help an entrepreneur/manager in keeping abreast with the changes in the industry
- ∞ To evaluate the competitive landscape of the industry by detailing:
 - ∞ Key players with their market shares
 - ∞ Financial comparison of present players

Clientele

- ⌘Venturist/Capitalists
- ⌘Entrepreneur/Companies
- ⌘Industry Researchers
- ⌘Investment Funds
- ⌘Foreign Investors, NRI's
- ⌘Project Consultants/Chartered Accountants
- ⌘Banks
- ⌘Corporates

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Data Sources



Scope & Coverage



Our Team

∞ Our research team comprises of experts from various financial fields:

∞ MBA's

∞ Industry Researchers

∞ Financial Planners

∞ Research veterans with decades of experience

Structure of the Report

- 1. Overview
- 2. Market Analysis
 - 2.1 Growth Drivers
 - 2.2 Emerging Trends in the Industry
 - 2.3 Regulatory Framework
 - 2.4 SWOT Analysis
 - 2.5 Herfindahl–Hirschman Index (HHI)
- 3. Market Forecasts
- 4. Key Players

Structure of the Report

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⌘5. Key Financials and Analysis

⌘5.1 Contact Information

⌘5.2 Key Financials

⌘5.3 Financial comparison

⌘6. Industry Size & Outlook

Contact us

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