Market Analysis: Naphthalene (CAS 91-20-3) market, Nitroglycerin API market ,Non Grain-oriented Electrical Steel market

Market Analysis on Naphthalene (CAS 91-20-3) market, Nitroglycerin API market and Non Grain-oriented Electrical Steel market forecasted till 2030

SEATTLE , WASHINGTON, USA, July 12, 2023 /EINPresswire.com/ -- Executive Summary:
The global naphthalene (CAS 91-20-3) market is anticipated to witness significant growth over the coming years, driven by increasing demand from various end-use industries such as chemicals, coatings, and healthcare. The market research reports suggest that Asia-Pacific region is expected to dominate the market due to the rising demand for naphthalene from the emerging economies such as China and India. The growing awareness regarding the benefits of utilizing sustainable resources is expected to drive the market growth in the forecast period. The global naphthalene market size is estimated to reach USD 1.40 billion by 2030, growing at a CAGR of 3.00% from 2023 to 2030.

The global naphthalene market is highly competitive and fragmented in nature with a large number of players operating in the market. The key players operating in the naphthalene market include Baowu Carbon Material, Rain Industries, JFE Chemical, C-Chem, OCI, Koppers, Himadri, Baoshun, Sunlight Coking, Shandong Weijiao, Kailuan Group, Huanghua Xinnuo Lixing, Jining Carbon, Shanxi Hongte, Ansteel Group, Avdiivka Coke Plant, DEZA a. s. and EVRAZ.

The major end-use industries of naphthalene include dyes, resins, plasticizers, and surfactants. The strong demand from these end-use industries is driving the growth of the naphthalene market. Companies like Baowu Carbon Material, JFE Chemical, and Rain Industries use naphthalene in the production of traditional and advanced graphite materials, which are used in batteries, refractory materials, and lubricants.

As per the sales revenue figures of some of the above-listed companies, Rain Industries generated revenue of $2.7 billion in FY2020, JFE Chemical generated revenue of $8.4 billion in FY2020, and OCI generated revenue of $5.6 billion in FY2019.

Naphthalene (CAS 91-20-3) is a white crystalline powder that has a characteristic aromatic odor. It is an important industrial chemical, widely used in the production of phthalic anhydride, naphthalene sulfonates, and other chemicals. Naphthalene is classified into two types, coal-tar processing, and petroleum-derived. Coal-tar processing naphthalene is obtained from the

distillation of coal-tar, a by-product of the coking of coal for the production of coke, a fuel used in the blast furnaces of steel mills. On the other hand, petroleum-derived naphthalene is obtained from crude oil during refining operations.

Naphthalene (CAS 91-20-3) finds multiple applications such as Phthalic Anhydride, Refined Naphthalene, Water-Reducing Admixture, and Others. Phthalic Anhydride is used to manufacture dyes, plasticizers, and resins. Refined Naphthalene is primarily used as a raw material for producing phthalic anhydride, beta-naphthol, and naphthol AS. Water-Reducing Admixture is added to concrete mixtures to reduce the water content while maintaining the workability of the mixture. Other applications include the use of naphthalene in pesticides, solvents, and moth repellents.

The naphthalene market is anticipated to grow steadily in regions like North America, Asia-Pacific, Europe, the USA, and China. The increased demand for naphthalene in the production of pesticides, dyes, and resins is expected to drive growth in the market. Additionally, the expanding construction and infrastructure sector in Asia-Pacific and North America regions is likely to further boost the market. China is expected to dominate the naphthalene market owing to the rapidly growing chemical industry and increasing population, followed by North America and Europe. Rising demand for renewable energy sources like biofuels and the implementation of stringent environmental regulations could pose a challenge to the market's growth.

Click here for more information: https://www.reportprime.com/naphthalene-cas-91-20-3-r818

Executive Summary
The Nitroglycerin API market research report highlights key market conditions and trends, providing insights into the Nitroglycerin API market size. The report outlines the current market scenario and predicts future growth prospects. The report covers key players, the competitive landscape, and market segmentation. The Nitroglycerin API market is expected to grow at a CAGR of 4.20% during the forecast period. Factors driving growth include increasing demand for nitroglycerin-based drugs, rising cases of heart-related diseases, and increasing investments in research and development. North America is projected to lead the Nitroglycerin API market in terms of revenue share.

The global nitroglycerin API market is highly competitive and comprises several established players such as Novasep, Copperhead chemical, Dipharma, Cambrex, Precise Group, Bondbay Pharma, Chemwill, and Dorsa Pharmaceutical. These companies hold a significant share in the market owing to their extensive product portfolio and wide geographical presence.
Novasep had sales revenues of €307 million in 2020, Precise Group had sales revenues of $950 million in 2019, and Cambrex had total revenues of $530 million in the same year. These sales figures highlight the significant contribution these players make to the global nitroglycerin API market.

Nitroglycerin API (Active Pharmaceutical Ingredient) is a highly potent and explosive liquid that is

mainly used in the manufacturing of drugs for the treatment of cardiac diseases. Nitroglycerin API is available in different concentrations including 10%, 5%, and 2% NG. These concentrations have different molecular weights, physical properties, and pharmacological properties. The different types of Nitroglycerin API are used to treat different medical conditions and are chosen based on the severity of the patient's condition and the level of the medication needed to treat the condition.

Nitroglycerin API is a drug used to treat angina pectoris, a condition where the heart does not receive enough oxygen. It is available in various forms like intravenous, sublingual spray, and nitroglycerin patch. Intravenous administration of nitroglycerin API is used in emergency situations to relieve angina symptoms quickly. The sublingual spray is placed under the tongue, which allows nitroglycerin to dissolve and enter into the bloodstream quickly. Nitroglycerin patch is placed on the skin, and the drug enters the bloodstream through the skin.

North America is expected to dominate the Nitroglycerin API market, accounting for the highest market share percent valuation. The region is expected to maintain its lead due to the rising prevalence of cardiovascular diseases and the increasing demand for advanced therapies to treat the same. Asia-Pacific is anticipated to exhibit the highest growth rate in the coming years due to the increasing awareness regarding nitroglycerin API and the growing healthcare expenditure in the region. Europe is also expected to contribute significantly to the Nitroglycerin API market share due to the rising geriatric population and the increasing healthcare infrastructure. The expected market share percent valuation of Nitroglycerin API in North America is around 35-40%, followed by Europe with a market share of around 25-30%, Asia-Pacific with a market share of around 20-25%, and the rest of the world holding the remaining market share.

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Executive Summary
The global market for Non Grain-oriented Electrical Steel is expected to grow at a significant rate, driven by the growing demand for energy-efficient power transformers and motors. The market is expected to grow at a CAGR of 5.20% during the forecast period (2020-2025). The major factors driving the growth of the market include modernization of the power infrastructure and increasing deployment of renewable energy sources. Asia-Pacific is expected to dominate the market in terms of demand. The key players in the market include NIPPON STEEL, JFE Steel Corporation, POSCO, AK Steel Holding Corporation, and others. The market size is estimated to reach USD 282.20 billion by 2030.

The global non grain-oriented electrical steel market is fiercely competitive with several major players operating in the market. Some of the key players in the market include Baowu, ArcelorMittal, TISCO, JFE Steel, Shougang Group, NSSMC, NLMK, Ansteel, AK Steel, Thyssen Krupp, Voestalpine, Masteel, Posco, TATA Steel, BX Steel, Nucor, and CSC.

These companies use non grain-oriented electrical steel to manufacture a range of products such as transformers, generators, and electrical motors. Non grain-oriented electrical steel plays a critical role in the functioning of these devices by reducing the energy losses and enhancing their efficiency.

According to the financial reports of some of the listed companies, the sales revenue figures for 2020 are as follows:

- Baowu: USD 78.57 billion

- ArcelorMittal: USD 53.27 billion

- TISCO: USD 21.8 billion

- JFE Steel: USD 17.3 billion

- Thyssen Krupp: USD 33.3 billion

- Nucor: USD 20.3 billion

Non Grain-oriented Electrical Steel (NGOES) is a type of electrical steel that is used in the manufacturing of transformer cores, motors, and other electrical machinery. The two major types of NGOES are fully processed and semi-processed.

Fully processed NGOES is a more expensive type of electrical steel that has optimized magnetic properties. This type of NGOES is made by processing the raw material (iron ore) to a high degree of refinement, which leads to fewer impurities and a smaller grain size. The smaller grain size results in less energy loss when the steel is magnetized and demagnetized repeatedly. Semi-processed NGOES is less refined than fully processed NGOES, and therefore has larger grain sizes. This type of NGOES is less expensive and is commonly used in applications where the magnetic properties can be sacrificed for cost savings.

Non grain-oriented electrical steel is a type of steel that is widely used in power generation, AC motor, household appliances, and other industries. This steel is known for its high magnetic permeability and low core loss, which make it an ideal material for use in electrical machines. In power generation, non grain-oriented electrical steel is used to make transformers, generators, and other electrical devices. In AC motors, it is used to make the stator and rotor. In household appliances, it is used in motors, transformers, and other devices.

The fastest growing application segment of non grain-oriented electrical steel in terms of revenue is expected to be the power generation sector. This is due to the increasing demand for energy and the growing emphasis on clean energy sources. Other industries that are expected to drive growth in the coming years include automotive, aerospace, and telecommunications.

The market share percent valuation is expected to be around 50% for the Asia Pacific region in the coming years, followed by North America and Europe. North America and Europe are expected to witness steady growth due to the ongoing investments being made in the renewable energy sector.

In terms of the expected market share of the Non Grain-oriented Electrical Steel market in different regions, it is expected to witness significant growth in the Asia Pacific and Middle East & Africa regions. These regions are expected to witness an increase in demand for Non Grain-oriented Electrical Steel due to the rising need for energy-efficient products and increasing industrialization.

Click here for more information: https://www.reportprime.com/non-grain-oriented-electrical-steel-r820

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