

Ethyleneamines Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)

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Report description:

The ethyleneamines market is projected to register a CAGR of over 5% during the forecast period.

The COVID-19 pandemic adversely impacted the market for ethyleneamines because of its dependency on the textile, automotive, and chemical industries. The COVID-19 pandemic had a significant impact on worldwide auto manufacturing in 2020. The risk of infections among employees in locations where ethyleneamines generate lubricants led to the closure or reduction of operations at several automobile companies. It temporarily reduced the demand for ethyleneamines during the COVID-19 period. However, the market is growing steadily, owing to increased automotive and industrial activities from 2021.

Key Highlights

Over the short term, increasing demand from various end-use industries?, accelerating demand for pesticides from developing countries, and ?developing consumer awareness concerning cleanliness and hygiene ?are major factors driving the growth of the market studied.

However, the hazardous health effects due to direct exposure, and increasing usage of bio-based products for agriculture in developed countries? are the key factor anticipated to restrain the growth of the target industry over the forecast period. Nevertheless, the increasing R&D for new product development? is likely to create lucrative growth opportunities for the global market soon.

Asia-Pacific is estimated to witness healthy growth over the assessment period in the ethyleneamines market due to the wide usage of ethyleneamines in end-use application segments, such as automotive, pharmaceutical, and other industries,

Ethyleneamines Market Trends

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The Adhesives, Paints, and Resins Industry to Dominate the Market

Thermoplastic polyamide resins made from dimer acid and ethylenediamine are used as hot-melt adhesives and as binders for printing inks (flexographic or rotogravure). ?

Other di-functional amines, like piperazine and 1,2-propylene diamine, are also used at times to modify specific physical properties (such as melting point) of the resin, majorly polyamide resin. Also, small amounts of other ethyleneamines, such as DETA or TETA, might be used to modify the properties of the polyamides. Owing to the input of amide functionality in adhesives, they tend to exhibit outstanding adhesion to various substrates, including metal, leather, plastic, wood, and glass. ?

The demand for plastic products has risen since engineering polymers are stronger and more lasting than standard ones.

According to PlasticsEurope, global plastics production reached 390.7 million metric tons in 2021, an annual increase of four per cent compared to 375.5 million metric tons in 2020.

Additionally, ethyleneamines are also used for curing epoxy resins. Ethyleneamines and their derivatives are used in epoxy products, such as coatings, adhesives, and other applications that are cured under ambient conditions.?

According to the Department for Promotion of Industry and Internal Trade, in the fiscal year 2021, the trade value of India's paint sector exceeded INR 46 billion (USD 560 million). In the country, the value of exported paint and allied items was around INR 17.4 billion Indian, compared to over INR 29 billion (USD 350 million) in import value.

Adhesives and resins are widely used in the packaging, construction, and transportation industries. The growing e-commerce market and retail sales are driving the packaging market in countries like China, Japan, and India. ?

Additionally, the construction sector is booming in India, China, and Southeast Asia, owing to growing investment in infrastructure projects and the demand for more housing.?

The growing population and increased demand for adhesives, paints, and resins are expected to fuel the growth of the global ethyleneamines market. Hence, with the growing demand from various applications, the demand for ethylenediamine is expected to increase over the forecast period considerably.

Asia-Pacific to Dominate the Market

The Asia-Pacific region is expected to dominate the market for ethyleneamines during the forecast period due to the growing demand for products in the automotive and agrochemicals industry.

China and India account for the major demand for ethyleneamines, and China is the major producer of ethyleneamines in this region. Ethyleneamines are used in a large number of industries in China, including personal care, textile, adhesives and paints, automotive, and several others.

The Chinese automobile sector has experienced rapid growth over the past decade, with China recently becoming the world's largest producer of automobiles, therefore increasing consumption of ethyleneamines. According to OICA, China's automobile production reached 26,082,220 units in 2021 and registered a growth of 2% when compared to 25,225,242 units in 2020.

As per the India Brand Equity Foundation, the market size of the textile industry reached USD 223 billion in 2021 and has noticed a huge growth compared to USD 150 billion in 2020.

Demand for ethyleneamines in India is going to increase after the government made new regulations and policies for the automotive industry. This is expected to boost the demand for ethyleneamines due to its requirement as a fuel additive.

Both China and India's demand for ethyleneamines in the oil and gas sector has increased due to a huge amount of consumption, owing to its requirement in the refining processes.

Overall, with the consistent growth in countries, like China, India, Japan, and Malaysia, the demand for ethyleneamines is expected to increase at a faster pace in the region.

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Ethyleneamines Market Competitor Analysis

The ethyleneamines market is highly consolidated in nature. The major players include (not in any particular order) Huntsman International LLC, Dow, Nouryon, BASF SE, and Tosoh Corporation.

Additional Benefits:

The market estimate (ME) sheet in Excel format
3 months of analyst support

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