

Global Alkyl Amine Market Analysis: Plant Capacity, Process, Technology, Operating Efficiency, Demand & Supply, End-Use, Foreign Trade, Type, Sales Channel, Regional Demand, Company Share, 2015-2030

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Abstracts

The global Alkyl Amine market stood at approximately 2000 thousand tonnes in 2021 and is expected to grow at a CAGR of 5.29% during the forecast period until 2030.

Amines are the derivatives of Ammonia. When one or more than one hydrogen of Ammonia is replaced with alkyl substituents, then the compound is called Alkyl Amine. Alkyl amines are used widely in manufacturing pesticides, surfactants, solvents, and reagents for the manufacture of rubber. Alkyl amines find their applications in multiple such as in explosives, chemicals, water treatment, medicines, and agriculture. Other uses of alkyl amine include its use as solvent, polymerization inhibitor, components of paint removers, rocket propellant and in the making of various specialities chemicals like methamphetamine.

The smallest member of Alkyl Amine group is methylamine. It is further classified into MMA (monomethylamine), DMA (dimethylamine) and TMA (trimethylamine) based on the number of methyl group replaced by Hydrogen of ammonia. They are produced by reacting Ammonia with methanol over a fixed bed silica-alumina catalyst. Another alkyl amine, Methyl amines find applications in the making of pesticides, explosives & surfactants. It is used for tanning purposes in dyeing industry. Ethyl amines find applications in the making of lubricants and fuel additives, epoxy hardeners, wet strength resins, carbamate fungicides, chelating agents, bleaching agents & many more. It is a chief ingredient of crop protection chemicals.

The increasing demand for Alkyl Amines in various industries to produce

Pharmaceuticals, & Agrochemicals is driving the market around the world. The increasing usage of methyl & ethyl amines in the pharmaceutical sector for making drugs and formulations like Ephedrine & Remdesivir. By considering these reasons, the global Alkyl Amine market is anticipated to reach approximately 3000 thousand tonnes by the forecast period of 2030.

Based on type, the global Alkyl Amine market is divided into Methyl Amine, Ethyl Amine, and Higher Alkyl Amines (Isopropyl Amine, Hexamethylenediamine, etc). As of 2021, Higher Alkyl Amines are the leading segment with a market share of 34% followed by Ethyl Amine. Ethyl amines find applications in the making of lubricants and fuel additives, epoxy hardeners, wet strength resins, carbamate fungicides, chelating agents, bleaching agents & many more. It is a chief ingredient of crop protection chemicals. Isopropyl amine, a higher amine is a weak base and finds application in hair removing products, insecticides, and pesticides. Hexamethylenediamine has a significant industrial application in the textile and polymer industries to synthesize nylon 6,6, a polyamide which is widely utilized in plastics and textiles.

Based on region, Asia Pacific is dominating the Alkyl Amine market. Asia Pacific consumed about 52% of the global Alkyl Amine market in 2021. The increasing consumption of Alkyl Amine in growing populated regions of China, India, & Southeast Asian nations due to increased demand from end-use industries such the pharmaceutical, agrochemical, and paint and solvent industries, the Asia Pacific markets are anticipated to expand quickly over the next few years. Followed by the Asia Pacific region, North America & Europe holds the second and third largest share of Alkyl Amine in terms of demand. Majority of the Alkyl Amine manufacturing sites are located in the Asia Pacific with China being the leading producer of alkyl amine.

Based on the end-user industry, the Alkyl Amine market is segmented into Pharmaceuticals, Agrochemicals, Water Treatment, Rubber chemicals, and Others (Paints, Dyes, feed, etc). Among these, the Pharmaceuticals industry is the leading segment and accounted for around 50% of the share of total Alkyl Amine demand in 2021. and is expected to maintain its dominance in the anticipated period as well. The agrochemicals segment is also expected to witness robust growth in the next few years, which will further boost the demand for Alkyl Amine in the future.

Significant players in the Global Alkyl Amine market are Anyang Jiutian Fine Chemical Co. Ltd., Mitsubishi Gas Chemical Company, Inc., Tosoh Corp., Balaji Amines Ltd., Alkyl Amines Chemicals Ltd., Huntsman Corporation, Dow - Du Pont, Delamine, Eastman Chemicals, US Amines, Methanol Chemical Company, Alkyl Amines

Chemicals Ltd, Balaji Amines Ltd., and Others.

Years considered for this report:

Historical Period: 2015- 2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2023-2030

The objective of the Study:

To assess the demand-supply scenario of Alkyl Amine, which covers the production, demand, and supply of Alkyl Amine around the globe.

To analyze and forecast the market size of Alkyl Amine.

To classify and forecast the Global Alkyl Amine market based on end-use and regional distribution.

To examine global competitive developments such as new capacity expansions, mergers & acquisitions, etc., of the Alkyl Amine market.

To extract data for the Global Alkyl Amine market, primary research surveys were conducted with Alkyl Amine manufacturers, suppliers, distributors, wholesalers, and Traders. While interviewing, the respondents were also inquired about their competitors. Through this technique, ChemAnalyst was able to include manufacturers that could not be identified due to the limitations of secondary research. Moreover, ChemAnalyst analyzed various segments and projected a positive outlook for the Global Alkyl Amine market over the coming years.

ChemAnalyst calculated Alkyl Amine demand in the globe by analyzing the historical data and demand forecast which was carried out considering the historical extraction

and supply and demand of Alkyl Amine across the globe. ChemAnalyst sourced these values from industry experts, and company representatives and externally validated through analyzing historical sales data of respective manufacturers to arrive at the overall market size. Various secondary sources such as company websites, association reports, annual reports, etc., were also studied by ChemAnalyst.

Key Target Audience:

Alkyl Amine manufacturers and other stakeholders

Organizations, forums and alliances related to Alkyl Amine distribution

Government bodies such as regulating authorities and policy makers

Market research organizations and consulting companies

The study is useful in providing answers to several critical questions that are important for industry stakeholders such as Alkyl Amine manufacturers, customers and policy makers. The study would also help them to target the growing segments over the coming years, thereby aiding the stakeholders in taking investment decisions and facilitating their expansion.

Report Scope:

In this report, Global Alkyl Amine market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Market, by Type: Methyl Amine, Ethyl Amine, and Higher Alkyl Amines (Isopropyl Amine, Hexamethylenediamine, etc)

Market, by End-use: Pharmaceuticals, Agrochemicals, Water Treatment, Rubber chemicals, and Others (Paints, Dyes, feed, etc)

Market, by Sales Channel: Direct Sale and Indirect Sale

Market, by Region: North America, Europe, Asia Pacific, Middle East and Africa, and South America.

Available Customizations:

With the given market data, ChemAnalyst offers customizations according to a company's specific needs.

Contents

1. CAPACITY BY COMPANY

On our online platform, you can stay up to date with essential manufacturers and their current and future operation capacity on a practically real-time basis for Alkyl Amine.

2. CAPACITY BY LOCATION

To better understand the regional supply of Alkyl Amine by analyzing its manufacturers' location-based capacity.

3. CAPACITY BY PROCESS

To evaluate the demand of various methods and their capacities while looking for the future growth of each process.

4. CAPACITY BY TECHNOLOGY

To better assess the manufacturing capacities with different technologies as well as understand which technology is more in demand.

5. PRODUCTION BY COMPANY

Study the historical annual production of Alkyl Amine by the leading players and forecast how it will grow in the coming years.

6. DEMAND BY TYPE

Learn about the various types: Methyl Amine, Ethyl Amine, and Higher Alkyl Amines (Isopropyl Amine, Hexamethylenediamine, etc), and their demands. It will allow you to choose which type to concentrate on when designing your strategy.

7. DEMAND BY END- USE

Discover which end-user industry [Pharmaceuticals, Agrochemicals, Water Treatment, Rubber chemicals, and Others (Paints, Dyes, feed, etc)] are creating a market and the forecast for the growth of the Alkyl Amine market.

8. DEMAND BY REGION

Analyzing the change in demand of Alkyl Amine in different regions, i.e., North America, Europe, Asia Pacific, Middle East and Africa, and South America, that can direct you in mapping the regional demand.

9. DEMAND BY SALES CHANNEL (DIRECT AND INDIRECT)

Multiple channels are used to sell Alkyl Amine. Our sales channel will help in analyzing whether distributors and dealers or direct sales make up most of the industry's sales.

10. DEMAND-SUPPLY GAP

Determine the supply-demand gap to gain information about the trade surplus or deficiency of Alkyl Amine.

11. COMPANY SHARE

Figure out what proportion of the market share of Alkyl Amine is currently held by leading players across the globe.

12. COUNTRY-WISE EXPORT

Get details about quantity of Alkyl Amine exported by major countries.

13. COUNTRY-WISE IMPORT

Get details about quantity of Alkyl Amine imported by major countries.

14. PRICING ANALYSIS & FORECAST

Analyze historical prices since 2015 & Forecast on three months rolling period for next 12 months.

Years considered for this report:

Historical Period: 2015- 2022

Base Year: 2022

Estimated Year: 2023

Forecast Period: 2024-2032

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