

# Linear Alkylbenzene (LAB) Market Report by Application (Linear Alkylbenzene Sulfonates (LAS), Non-Surfactant), End User (Laundry Detergents, Light-Duty Dishwashing Liquids, Industrial Cleaners, Household Cleaners, and Others), and Region 2024-2032

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# **Abstracts**

The global linear alkylbenzene (LAB) market size reached 4.4 Million Tons in 2023. Looking forward, IMARC Group expects the market to reach 6.1 Million Tons by 2032, exhibiting a growth rate (CAGR) of 3.54% during 2024-2032. Rising product utilization in manufacturing detergent and cleaners, widespread product adoption in industrial applications, and the development of new production methods represent some of the key factors driving the market.

Linear alkylbenzene (LAB) is a transparent and odorless organic compound used as an intermediate in the production of detergents and surfactants. It is produced using various petrochemical products, such as kerosene, n-paraffin, and benzene, through hydrogen fluoride (HF) and aluminum trichloride (AlCl3) processes. LAB is widely used in producing powder detergents, household cleaners, agricultural herbicides, polymers, electric cable oils, and solvents for ink and paints. It is also used as an emulsifier, emollient, moisturizing, degreasing, wetting, and de-coloring agent. LAB is a cost-effective and biodegradable compound that easily removes oil and fatty acids from fabrics and textiles. It is also chemically stable, slightly soluble in water, and has a high flash point. As a result, LAB finds extensive applications across the detergent, textile, paper, and polymer industries.

Linear Alkylbenzene (LAB) Market Trends:



The rising product utilization in detergents and cleaners is one of the primary factors driving the market growth. Linear alkylbenzene (LAB) is widely used to produce linear alkylbenzene sulfonate (LAS), which is a chemical surfactant used in manufacturing household cleaners, detergents, washing powder, liquid soap, scouring sticks, oil soap, industrial cleaners, and dishwashing liquids due to its high performance, low cost, and non-toxicity. In addition to this, the widespread product utilization to produce linear alkylbenzene sulfonic acid (LBSA), which is used as an emulsifier, mercerizing agent, and wetting agent in textiles, pesticides, lathering applications, and polymerization, is acting as another growth-inducing factor. Furthermore, the rising product demand to produce heavy linear alkyl benzene (HLAB) used for various industrial applications, such as heat transfer fluids, refrigeration lubricants, oils, metal working fluids, and rubber compounding, is providing an impetus to the market growth. Additionally, the introduction of new production methods, such as the Detal process that uses solid catalysts, including zeolites and metal oxides, to improve linearity, minimize acidic discharge, enhance quality, maximize product yield, and eliminate the need for effluent treatment is positively influencing the market growth. Moreover, rising product adoption as a solvent for large-scale liquid scintillator detectors due to its high flash point, low toxicity, good optical transparency, low radioactive impurity, and excellent compatibility with acrylic is propelling the market growth. Other factors, including rapid industrialization, rising adoption of biodegradable surfactants due to increasing environmental concerns, escalating demand for personal hygiene and cleanliness, and the widespread product utilization in the paper industry as a de-coloring agent, are anticipated to drive the market growth.

### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global linear alkylbenzene (LAB) market, along with forecasts at the global, regional, and country level from 2024-2032. Our report has categorized the market based on application and end user.

Application Insights:

Linear Alkylbenzene Sulfonates (LAS) Non-Surfactant

The report has provided a detailed breakup and analysis of the linear alkylbenzene (LAB) market based on the application. This includes linear alkylbenzene sulfonates (LAS) and non-surfactant. According to the report, linear alkylbenzene sulfonates (LAS) represented the largest segment.



# End User Insights:

Laundry Detergents
Light-Duty Dishwashing Liquids
Industrial Cleaners
Household Cleaners
Others

A detailed breakup and analysis of the linear alkylbenzene (LAB) market based on the end user has also been provided in the report. This includes laundry detergents, light-duty dishwashing liquids, industrial cleaners, household cleaners, and others. According to the report, laundry detergents accounted for the largest market share.

# Regional Insights:

North America

**United States** 

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others



#### Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets that include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and Middle East and Africa. According to the report, Asia Pacific was the largest market for linear alkylbenzene (LAB). Some of the factors driving the Asia Pacific linear alkylbenzene (LAB) market included significant growth in end use industries, the availability of raw materials at affordable prices, and an increasing number of manufacturers.

## Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global linear alkylbenzene (LAB) market. Detailed profiles of all major companies have also been provided. Some of the companies covered include Compa??a Espa?ola de Petr?leos S.A.U. (CEPSA Holding LLC), Desmet Ballestra Group, Farabi Petrochemicals Co., Formosan Union Chemical Corp., Ho Tung Chemical Corp., Honeywell International Inc., Indian Oil Corporation Limited, Indorama Ventures (Indorama Resources Ltd.), Isu Chemical Company, Nirma, Reliance Industries Limited, Sasol Limited, Stepan Company, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

# Key Questions Answered in This Report

- 1. How big is the global Linear Alkylbenzene (LAB) market?
- 2. What is the expected growth rate of the global Linear Alkylbenzene (LAB) market during 2024-2032?
- 3. What are the key factors driving the global Linear Alkylbenzene (LAB) market?
- 4. What has been the impact of COVID-19 on the global Linear Alkylbenzene (LAB) market?
- 5. What is the breakup of the global Linear Alkylbenzene (LAB) market based on the application?
- 6. What is the breakup of the global Linear Alkylbenzene (LAB) market based on the end user?
- 7. What are the key regions in the global Linear Alkylbenzene (LAB) market?
- 8. Who are the key players/companies in the global Linear Alkylbenzene (LAB) market?



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