

Alkyl Polyglucoside Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Product (Fatty Alcohol, Sugar, Corn-starch, Vegetable Oil, Others), By Application (Personal Care and Cosmetics, Home Care Products, Industrial Cleaners, Agricultural Chemicals, and Others), By Region and Competition

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Abstracts

Global Alkyl Polyglucoside market is expected to grow impressively through 2028 due to the growing demand for sustainable products. According to a survey on sustainable product consumption in India conducted in February 2022, 69 percent of consumers stated that they were willing to pay more for products that are sustainably produced or environmentally friendly.

Alkyl Polyglucoside (APG) is a type of non-ionic surfactant that has gained popularity in recent years as a more sustainable and eco-friendlier alternative to traditional surfactants. Alkyl Polyglucoside is derived from renewable resources, such as corn, potato, or wheat starch, and is synthesized by combining fatty alcohol with a glucose molecule. This results in a molecule with both hydrophobic and hydrophilic properties, allowing it to act as an effective surfactant in a variety of applications. One of the major advantages of Alkyl Polyglucoside over traditional surfactants is their biodegradability. Alkyl Polyglucoside is readily biodegradable and breaks down into simple sugars and fatty alcohols, which can be easily assimilated by microorganisms in the environment. This makes them a more sustainable option for use in products that will ultimately end up in the wastewater system.

Alkyl Polyglucosides are derived from natural resources; they are often perceived as

safer and more environmentally friendly than traditional surfactants. In addition to personal care products, Alkyl Polyglucoside is used in a variety of industrial applications. They are effective in removing grease, oil, and dirt from surfaces and are often used in cleaning products for the food service industry. Alkyl Polyglucoside is also used in agricultural applications, as they are effective in reducing surface tension and aiding in the spread of herbicides and pesticides.

One potential downside of Alkyl Polyglucoside is its cost. Because they are derived from natural resources, they can be more expensive than traditional surfactants. However, as demand for more sustainable and environmentally friendly products increases, the cost of Alkyl Polyglucoside may decrease as production methods become more efficient.

The APG market is primarily driven by the growing demand for sustainable and eco-friendly products across various industries. Alkyl Polyglucoside is derived from natural resources, such as corn, potato, or wheat starch, making them a more sustainable alternative to traditional surfactants, which are often derived from petrochemicals.

Alkyl Polyglucoside is a versatile and sustainable surfactant that has gained popularity in recent years due to its low toxicity, mildness on the skin, and biodegradability. While they may be more expensive than traditional surfactants, their eco-friendly properties make them a popular ingredient in a variety of personal care and industrial products. As consumers continue to prioritize sustainability and environmental responsibility, the use of Alkyl Polyglucoside is likely to increase in the years to come.

Increasing Consumer Demand is Driving Market Growth

One of the primary growth drivers of the Global Alkyl Polyglucoside Market is the increasing consumer demand for sustainable and eco-friendly products. Consumers are becoming more aware of the environmental impact of their purchasing decisions and, as a result, are increasingly seeking out products that are derived from natural resources and have a smaller environmental footprint. Alkyl Polyglucoside is made from renewable resources such as corn, potato, or wheat starch, making them a more sustainable option than traditional surfactants, which are often derived from petrochemicals.

Another factor driving the growth of the APG market is the increasing demand for personal care and household products that are mild and non-irritating to the skin. Alkyl Polyglucoside is identified for its low toxicity and mildness on the skin, making it a popular ingredient in a range of personal care and household products such as shampoos, body washes, and laundry detergents. The rising consumer demand for

natural and organic personal care products has further contributed to the growth of the APG market in recent years.

Increasing Use in Food Service Industry is Driving Market Growth

The APG market is being driven by the increasing use of Alkyl Polyglucoside in the food service industry. Alkyl Polyglucoside is effective in removing grease, oil, and dirt from surfaces, making them a popular ingredient in cleaning products used in commercial kitchens and restaurants. The growing demand for food service products that are safe and eco-friendly has led to an increase in the use of Alkyl Polyglucoside in the industry.

The growing awareness among consumers and industries about the harmful effects of traditional surfactants on the environment is another factor driving the growth of the APG market. Traditional surfactants can be toxic to aquatic life and can contribute to water pollution, leading to a growing demand for sustainable and eco-friendly alternatives such as Alkyl Polyglucoside.

Major Challenges Faced by Alkyl Polyglucoside Market

One of the primary challenges faced by the APG market is the high cost of production compared to traditional surfactants. Alkyl Polyglucoside is produced using renewable resources such as corn, potato, or wheat starch, which are often more expensive than petrochemicals used in traditional surfactants. This cost difference can make Alkyl Polyglucoside less competitive in certain markets, particularly those where cost is a primary consideration.

The production of Alkyl Polyglucoside is dependent on the availability of raw materials, such as starches, which can be limited in some regions. This can result in supply chain disruptions and increased costs for manufacturers, which can ultimately impact the availability and affordability of APG products.

There is currently a lack of standardization in the production and labeling of APG products, which can lead to confusion among consumers and inconsistent quality between products. This can make it difficult for consumers to identify and compare APG products and can also make it challenging for manufacturers to ensure the consistency and quality of their products.

While Alkyl Polyglucoside is effective in a range of applications, it may not be suitable for all applications due to its unique properties. For example, Alkyl Polyglucoside may

not be effective in applications that require high foaming or where low viscosity is required. This limited applicability can make it difficult for manufacturers to expand their product offerings and may limit the overall growth potential of the APG market.

Recent Trends and Developments

Alkyl Polyglucoside has traditionally been used in industrial and institutional applications such as cleaning products and detergents. However, in recent years, there has been a growing trend toward using Alkyl Polyglucoside in personal care products such as shampoos, body washes, and facial cleansers. This is due to the gentle nature of Alkyl Polyglucoside and its ability to provide effective cleansing without stripping the skin of its natural oils.

The production of Alkyl Polyglucoside has traditionally been limited by the availability and cost of raw materials such as starches. However, in the last few years, there have been advancements in production technology that have made it possible to produce Alkyl Polyglucoside using a wider range of feedstocks, including waste materials such as food waste and agricultural residues. This has led to increased availability and affordability of APG products.

In response to the global plastic pollution crisis, there has been a growing demand for sustainable packaging solutions. Alkyl Polyglucoside is being used as an alternative to traditional surfactants in the production of biodegradable and compostable packaging materials. This has opened up new opportunities for the APG market, particularly in the packaging and plastics industries.

The last three years have seen increased regulatory support for green chemistry and sustainable products. Governments and regulatory bodies are encouraging the development and use of eco-friendly surfactants such as Alkyl Polyglucoside through incentives, grants, and policies that promote sustainability. This has created a favorable environment for the growth of the APG market.

There have been several partnerships and collaborations between APG manufacturers and other industry players, such as chemical distributors, raw material suppliers, and end-users. These partnerships have enabled the sharing of expertise, resources, and knowledge, leading to the development of new and innovative APG products and applications.

Market Segmentation

Global Alkyl Polyglucoside Market is segmented based on Product, Application, Region, and Competitive Landscape. Based on the Product, the market is categorized into Fatty Alcohol, Sugar, Corn-starch, Vegetable Oil, and Others. Based on Application, the market is segmented into Personal Care and Cosmetics, Home Care Products, Industrial Cleaners, Agricultural Chemicals, and Others. Based on region, the market is divided into North America, Europe, Asia Pacific, South America, Middle East & Africa.

Market Players

Clariant AG, BASF SE, Croda International PLC, FENCHEM, LG Household & Healthcare Ltd, Shanghai Fine Chemical, Spec-Chem Industry Inc., The Dow Chemical Company, Yangzhou Chenhua New Material Co. Ltd. are some of the key players in the Global Alkyl Polyglucoside Market.

Report Scope:

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

Alkyl Polyglucoside Market, By Product:

Fatty Alcohol

Sugar

Corn-Starch

Vegetable Oil

Others

Alkyl Polyglucoside Market, By Application:

Personal Care & Cosmetics

Home Care Products

Industrial Cleaners

Agricultural Chemicals

Others

Alkyl Polyglucoside Market, By Region:

North America

United States

Mexico

Canada

Europe

France

Germany

United Kingdom

Spain

Italy

Asia-Pacific

China

India

South Korea

Japan

Australia

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive landscape

Company Profiles: Detailed analysis of the major companies present in Global Alkyl Polyglucoside market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. GLOBAL ALKYL POLYGLUCOSIDE MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value & Volume
- 5.2. Market Share & Forecast
 - 5.2.1. By Product (Fatty Alcohol, Sugar, Corn-starch, Vegetable Oil, Others)
 - 5.2.2. By Application (Personal Care and Cosmetics, Home Care Products, Industrial Cleaners, Agricultural Chemicals, and Others)
 - 5.2.3. By Company (2022)

- 5.2.4. By Region
- 5.3. Product Market Map
- 5.4. Pricing Analysis

6. NORTH AMERICA ALKYL POLYGLUCOSIDE MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value & Volume
- 6.2. Market Share & Forecast
 - 6.2.1. By Product
 - 6.2.2. By Application
 - 6.2.3. By Country
- 6.3. Pricing Analysis
- 6.4. North America: Country Analysis
 - 6.4.1. United States Alkyl Polyglucoside Market Outlook
 - 6.4.1.1. Market Size & Forecast
 - 6.4.1.1.1. By Value & Volume
 - 6.4.1.2. Market Share & Forecast
 - 6.4.1.2.1. By Product
 - 6.4.1.2.2. By Application
 - 6.4.2. Mexico Alkyl Polyglucoside Market Outlook
 - 6.4.2.1. Market Size & Forecast
 - 6.4.2.1.1. By Value & Volume
 - 6.4.2.2. Market Share & Forecast
 - 6.4.2.2.1. By Product
 - 6.4.2.2.2. By Application
 - 6.4.3. Canada Alkyl Polyglucoside Market Outlook
 - 6.4.3.1. Market Size & Forecast
 - 6.4.3.1.1. By Value & Volume
 - 6.4.3.2. Market Share & Forecast
 - 6.4.3.2.1. By Product
 - 6.4.3.2.2. By Application

7. EUROPE ALKYL POLYGLUCOSIDE MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value & Volume
- 7.2. Market Share & Forecast
 - 7.2.1. By Product

- 7.2.2. By Application
- 7.2.3. By Country
- 7.3. Pricing Analysis
- 7.4. Europe: Country Analysis
 - 7.4.1. France Alkyl Polyglucoside Market Outlook
 - 7.4.1.1. Market Size & Forecast
 - 7.4.1.1.1. By Value & Volume
 - 7.4.1.2. Market Share & Forecast
 - 7.4.1.2.1. By Product
 - 7.4.1.2.2. By Application
 - 7.4.2. Germany Alkyl Polyglucoside Market Outlook
 - 7.4.2.1. Market Size & Forecast
 - 7.4.2.1.1. By Value & Volume
 - 7.4.2.2. Market Share & Forecast
 - 7.4.2.2.1. By Product
 - 7.4.2.2.2. By Application
 - 7.4.3. United Kingdom Alkyl Polyglucoside Market Outlook
 - 7.4.3.1. Market Size & Forecast
 - 7.4.3.1.1. By Value & Volume
 - 7.4.3.2. Market Share & Forecast
 - 7.4.3.2.1. By Product
 - 7.4.3.2.2. By Application
 - 7.4.4. Italy Alkyl Polyglucoside Market Outlook
 - 7.4.4.1. Market Size & Forecast
 - 7.4.4.1.1. By Value & Volume
 - 7.4.4.2. Market Share & Forecast
 - 7.4.4.2.1. By Product
 - 7.4.4.2.2. By Application
 - 7.4.5. Spain Alkyl Polyglucoside Market Outlook
 - 7.4.5.1. Market Size & Forecast
 - 7.4.5.1.1. By Value & Volume
 - 7.4.5.2. Market Share & Forecast
 - 7.4.5.2.1. By Product
 - 7.4.5.2.2. By Application

8. ASIA-PACIFIC ALKYL POLYGLUCOSIDE MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value & Volume

8.2. Market Share & Forecast

8.2.1. By Product

8.2.2. By Application

8.2.3. By Country

8.3. Pricing Analysis

8.4. Asia-Pacific: Country Analysis

8.4.1. China Alkyl Polyglucoside Market Outlook

8.4.1.1. Market Size & Forecast

8.4.1.1.1. By Value & Volume

8.4.1.2. Market Share & Forecast

8.4.1.2.1. By Product

8.4.1.2.2. By Application

8.4.2. India Alkyl Polyglucoside Market Outlook

8.4.2.1. Market Size & Forecast

8.4.2.1.1. By Value & Volume

8.4.2.2. Market Share & Forecast

8.4.2.2.1. By Product

8.4.2.2.2. By Application

8.4.3. South Korea Alkyl Polyglucoside Market Outlook

8.4.3.1. Market Size & Forecast

8.4.3.1.1. By Value & Volume

8.4.3.2. Market Share & Forecast

8.4.3.2.1. By Product

8.4.3.2.2. By Application

8.4.4. Japan Alkyl Polyglucoside Market Outlook

8.4.4.1. Market Size & Forecast

8.4.4.1.1. By Value & Volume

8.4.4.2. Market Share & Forecast

8.4.4.2.1. By Product

8.4.4.2.2. By Application

8.4.5. Australia Alkyl Polyglucoside Market Outlook

8.4.5.1. Market Size & Forecast

8.4.5.1.1. By Value & Volume

8.4.5.2. Market Share & Forecast

8.4.5.2.1. By Product

8.4.5.2.2. By Application

9. SOUTH AMERICA ALKYL POLYGLUCOSIDE MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value & Volume
- 9.2. Market Share & Forecast
 - 9.2.1. By Product
 - 9.2.2. By Application
 - 9.2.3. By Country
- 9.3. Pricing Analysis
- 9.4. South America: Country Analysis
 - 9.4.1. Brazil Alkyl Polyglucoside Market Outlook
 - 9.4.1.1. Market Size & Forecast
 - 9.4.1.1.1. By Value & Volume
 - 9.4.1.2. Market Share & Forecast
 - 9.4.1.2.1. By Product
 - 9.4.1.2.2. By Application
 - 9.4.2. Argentina Alkyl Polyglucoside Market Outlook
 - 9.4.2.1. Market Size & Forecast
 - 9.4.2.1.1. By Value & Volume
 - 9.4.2.2. Market Share & Forecast
 - 9.4.2.2.1. By Product
 - 9.4.2.2.2. By Application
 - 9.4.3. Colombia Alkyl Polyglucoside Market Outlook
 - 9.4.3.1. Market Size & Forecast
 - 9.4.3.1.1. By Value & Volume
 - 9.4.3.2. Market Share & Forecast
 - 9.4.3.2.1. By Product
 - 9.4.3.2.2. By Application

10. MIDDLE EAST AND AFRICA ALKYL POLYGLUCOSIDE MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value & Volume
- 10.2. Market Share & Forecast
 - 10.2.1. By Product
 - 10.2.2. By Application
 - 10.2.3. By Country
- 10.3. Pricing Analysis
- 10.4. MEA: Country Analysis
 - 10.4.1. South Africa Alkyl Polyglucoside Market Outlook
 - 10.4.1.1. Market Size & Forecast

- 10.4.1.1.1. By Value & Volume
- 10.4.1.2. Market Share & Forecast
 - 10.4.1.2.1. By Product
 - 10.4.1.2.2. By Application
- 10.4.2. Saudi Arabia Alkyl Polyglucoside Market Outlook
 - 10.4.2.1. Market Size & Forecast
 - 10.4.2.1.1. By Value & Volume
 - 10.4.2.2. Market Share & Forecast
 - 10.4.2.2.1. By Product
 - 10.4.2.2.2. By Application
- 10.4.3. UAE Alkyl Polyglucoside Market Outlook
 - 10.4.3.1. Market Size & Forecast
 - 10.4.3.1.1. By Value & Volume
 - 10.4.3.2. Market Share & Forecast
 - 10.4.3.2.1. By Product
 - 10.4.3.2.2. By Application

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Merger & Acquisition
- 12.2. Product Development
- 12.3. Recent Developments

13. PORTERS FIVE FORCES ANALYSIS

- 13.1. Competition in the Industry
- 13.2. Potential of New Entrants
- 13.3. Power of Suppliers
- 13.4. Power of Customers
- 13.5. Threat of Substitute Products

14. COMPETITIVE LANDSCAPE

- 14.1. Business Overview

- 14.2. Company Snapshot
- 14.3. Products & Services
- 14.4. Financials (As Reported)
- 14.5. Recent Developments
 - 14.5.1. Clariant AG
 - 14.5.2. BASF SE
 - 14.5.3. Croda International PLC
 - 14.5.4. FENCHEM
 - 14.5.5. LG Household & Healthcare Ltd
 - 14.5.6. Shanghai Fine Chemical
 - 14.5.7. Spec-Chem Industry Inc.
 - 14.5.8. The Dow Chemical Company
 - 14.5.9. Yangzhou Chenhua New Material Co. Ltd

15. STRATEGIC RECOMMENDATIONS

16. ABOUT US & DISCLAIMER

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