Global Alpha Olefins Market Research Report– Information by Type (1-Butene, 1-Hexene, 1-Octene, 1-Decene and Others), by Application (Polyolefin Comonomer, Plasticizer, Lubricant, Surfactant, Drilling Machinery Fuel, and Others) and Region- Forecast Till 2023

Alpha Olefins are feedstock for many industries. The major applications of these compounds are comonomer for polyolefin production, synthetic lubricant production, as surfactant in detergent production and crude oil refining, and also used as drilling machinery fuel in oil & gas exploration. Alpha Olefins are mainly produced by the catalytic oligomerization of ethylene and fishcer-tropsch process to give a mixture of largely linear products of C4-C20+ even number chain length. Crude oil pricing is the major constraint for the production of alpha olefins.

As per our Analysis, some of the prominent market factors and trends identified in the Global Alpha Olefins Market include rapid increase in oil & gas exploration and extraction activities propelling the Alpha Olefins use as drilling machinery fuel, rising demand for synthetic lubricants for vehicles, and increasing expenditure on research activities. Moreover, demand for Alpha Olefins is predicted to witness significant growth over the assessment period due to surging oil & gas industry. Rising crude oil refining across the globe is anticipated to be an important driver for Alpha Olefins Market during the review period. Increasing automobile production and sales along with rising consumption of lubricants is estimated to fuel the growth of the market. Alpha Olefins find major applications in the production of polyolefin comonomer which is used in the manufacture of HDPE and LLDPE pipes. The use of HDPE and LLDPE pipes in the construction industry is increasing in the forecast period owing to rapid urbanization coupled with increasing disposable income in the emerging economies. Global population propulsion is fueling the Alpha Olefins Market where these compounds are used in the manufacture of surfactants. While Alpha Olefins are also used as drilling fluid in the oil & gas exploration sector, they have been shown to be readily biodegradable and the lower carbon number alpha olefins, in the range C12 and below, have demonstrated acute toxicity to aquatic organisms where a majority of oil extraction activities take place, the higher carbon number linear alpha and internal olefins are considered to be of low concern, primarily due to their poor water solubility.

The Global Alpha Olefins Market Share by Application, (2016) (%):
Regional Analysis:

The Global Alpha Olefins Market consists of five regions: Asia Pacific, Europe, Latin America, North America, and the Middle East & Africa. Among these, Asia Pacific is predicted to grow with the highest CAGR during the review period, 2017 to 2023 on account of expanding construction sector. The demand for Alpha Olefins is predicted to surge in numerous countries of the Asia Pacific such as China, India, Indonesia, Japan and South Korea due to increased pipes production which is anticipated to fuel the Alpha Olefin Market. Moreover, the presence of tremendous oil & gas reserves in this region is predicted to meet the demand for Alpha Olefin raw materials.

Asia Pacific has emerged as the leading market region for Alpha Olefins followed by North America and Europe. North American alpha olefins market is predicted to witness a tremendous growth on account of high Alpha Olefin consumption to produce synthetic lubricants, increasing production capacities, and rising economic growth rate. In North American region, the U.S. is predicted to be a major contributor in the regional growth of alpha olefins market and is expected to see a significant demand for Alpha Olefins during the forecast period, 2017 to 2023. As of 2016, the U.S accounts for the largest market share and is followed by Canada in terms of value & volume and is estimated to grow with the moderate CAGR on account of growth in production of crude oil. In Europe, the demand for alpha olefins is predicted to grow in various countries such as Italy, Germany, Spain, U.K, France, and Russia on account of increasing expenditure in innovation and growing purchasing power of consumers. Moreover, presence of major automobile manufacturers specifically in Germany is expected to give a new impetus to the market growth. Latin American countries such as Argentina, Colombia, and Brazil are also predicted to witness substantial growth owing to increasing consumer spending on passenger cars as well as involvement of new technologies and inventions in alpha olefins.

Segmentation:

The Global Alpha Olefins Market is categorized on the basis of type, application, and region. On the basis of type, the market is bifurcated into 1-butene, 1-hexene, 1-octene, 1-decene and others. On the basis of application, the alpha olefins market is categorized into polyolefin comonomer, plasticizer, lubricant, surfactant, drilling machinery fuel, and others. On the basis of region, the market is categorized into Asia Pacific, Europe, Latin America, North America, and the Middle East & Africa.

Key Players:

Some of the prominent players operating in the Global Alpha Olefins Market are Royal Dutch Shell plc (the Netherlands), Chevron Phillips Chemical Company LLC (U.S.), Ineos Group Limited (U.K), SABIC (Saudi Arabia), Sasol Limited (South Africa), The Dow Chemical Company (U.S.), PJSC Nizhnekamskneftekhim (Russia), Qatar Chemical Company Ltd. (Qatar), Evonik Industries AG (Germany), and Idemitsu Kosan Co.,Ltd. (Japan) among others.

Intended Audience

- Alpha Olefins Manufacturers
- Traders and Distributors of Alpha Olefins
- Production Process Industries
- Potential Investors
Table of Contents:

1 Executive Summary
2 Scope of the Report
   2.1 Market Definition
   2.2 Scope of the Study
   2.2.1 Research Objectives
   2.2.2 Assumptions & Limitations
   2.3 Markets Structure
3 Market Research Methodology
   3.1 Research Process
   3.2 Secondary Research
   3.3 Primary Research
   3.4 Forecast Model
4 Market Landscape
   4.1 Five Forces Analysis
      4.1.1 Threat of New Entrants
      4.1.2 Bargaining power of buyers
      4.1.3 Threat of substitutes
      4.1.4 Segment rivalry
   4.2 Value Chain/Supply Chain of Global Alpha Olefins Market
5 Industry Overview of Global Alpha Olefins Market
   5.1 Introduction
   5.2 Growth Drivers
   5.3 Impact analysis
   5.4 Market Challenges
6 Market Trends
   6.1 Introduction
   6.2 Growth Trends
   6.3 Impact analysis
7. Global Alpha Olefins Market by Type
   7.1 Introduction
   7.2 1-Butene
      7.2.1 Market Estimates & Forecast, 2016-2023
      7.2.2 Market Estimates & Forecast by Region, 2016-2023
   7.3 1-Hexene
      7.3.1 Market Estimates & Forecast, 2016-2023
      7.3.2 Market Estimates & Forecast by Region, 2016-2023
   7.4 1-Octene
      7.4.1 Market Estimates & Forecast, 2016-2024
      7.4.2 Market Estimates & Forecast by Region, 2016-2023
   7.5 1-Decene
      7.5.1 Market Estimates & Forecast, 2016-2025
      7.5.2 Market Estimates & Forecast by Region, 2016-2023
   7.6 Others
7.6.1 Market Estimates & Forecast, 2016-2026
7.6.2 Market Estimates & Forecast by Region, 2016-2023

8. Global Alpha Olefins Market by Application

8.1 Introduction
8.2 Polyolefin Comonomer
8.2.1 Market Estimates & Forecast, 2016-2023
8.2.2 Market Estimates & Forecast by Region, 2016-2023
8.3 Plasticizer
8.3.1 Market Estimates & Forecast, 2016-2023
8.3.2 Market Estimates & Forecast by Region, 2016-2023
8.4 Lubricant
8.4.1 Market Estimates & Forecast, 2016-2023
8.4.2 Market Estimates & Forecast by Region, 2016-2023
8.5 Surfactant
8.5.1 Market Estimates & Forecast, 2016-2023
8.5.2 Market Estimates & Forecast by Region, 2016-2023
8.6 Drilling Machinery Fuel
8.6.1 Market Estimates & Forecast, 2016-2023
8.6.2 Market Estimates & Forecast by Region, 2016-2023
8.7 Others
8.7.1 Market Estimates & Forecast, 2016-2023
8.7.2 Market Estimates & Forecast by Region, 2016-2023

9. Global Alpha Olefins Market by Region

9.1 Introduction
9.2 North America
9.2.1 Market Estimates & Forecast, 2016-2023
9.2.2 Market Estimates & Forecast by Type, 2016-2023
9.2.3 Market Estimates & Forecast by Application, 2016-2023
9.2.4 U.S.
9.2.4.1 Market Estimates & Forecast, 2016-2023
9.2.4.2 Market Estimates & Forecast by Type, 2016-2023
9.2.4.3 Market Estimates & Forecast by Application, 2016-2023
9.2.5 Canada
9.2.5.1 Market Estimates & Forecast, 2016-2023
9.2.5.2 Market Estimates & Forecast by Type, 2016-2023
9.2.5.3 Market Estimates & Forecast by Application, 2016-2023
9.3 Europe
9.3.1 Market Estimates & Forecast, 2016-2023
9.3.2 Market Estimates & Forecast by Type, 2016-2023
9.3.3 Market Estimates & Forecast by Application, 2016-2023
9.3.4 Germany
9.3.4.1 Market Estimates & Forecast, 2016-2023
9.3.4.2 Market Estimates & Forecast by Type, 2016-2023
9.3.4.3 Market Estimates & Forecast by Application, 2016-2023
9.3.5 France
9.3.5.1 Market Estimates & Forecast, 2016-2023
9.3.5.2 Market Estimates & Forecast by Type, 2016-2023
9.3.5.3 Market Estimates & Forecast by Application, 2016-2023
9.3.6 Italy
9.3.6.1 Market Estimates & Forecast, 2016-2023
9.3.6.2 Market Estimates & Forecast by Type, 2016-2023
9.3.6.3 Market Estimates & Forecast by Application, 2016-2023
9.3.7 Spain
9.3.7.1 Market Estimates & Forecast, 2016-2023
9.3.7.2 Market Estimates & Forecast by Type, 2016-2023
9.3.7.3 Market Estimates & Forecast by Application, 2016-2023
9.3.8 UK
9.3.8.1 Market Estimates & Forecast, 2016-2023
9.3.8.2 Market Estimates & Forecast by Type, 2016-2023
9.3.8.3 Market Estimates & Forecast by Application, 2016-2023
9.3.9 Russia
9.3.9.1 Market Estimates & Forecast, 2016-2023
9.3.9.2 Market Estimates & Forecast by Type, 2016-2023
9.3.9.3 Market Estimates & Forecast by Application, 2016-2023
9.3.10 Poland
9.3.10.1 Market Estimates & Forecast, 2016-2023
9.3.10.2 Market Estimates & Forecast by Type, 2016-2023
9.3.10.3 Market Estimates & Forecast by Application, 2016-2023
9.4 Asia Pacific
9.4.1 Market Estimates & Forecast, 2016-2023
9.4.2 Market Estimates & Forecast by Type, 2016-2023
9.4.3 Market Estimates & Forecast by Application, 2016-2023
9.4.4 China
9.4.4.1 Market Estimates & Forecast, 2016-2023
9.4.4.2 Market Estimates & Forecast by Type, 2016-2023
9.4.4.3 Market Estimates & Forecast by Application, 2016-2023
9.4.5 India
9.4.5.1 Market Estimates & Forecast, 2016-2023
9.4.5.2 Market Estimates & Forecast by Type, 2016-2023
9.4.5.3 Market Estimates & Forecast by Application, 2016-2023
9.4.6 Australia
9.4.6.1 Market Estimates & Forecast, 2016-2023
9.4.6.2 Market Estimates & Forecast by Type, 2016-2023
9.4.6.3 Market Estimates & Forecast by Application, 2016-2023
9.4.7 New Zealand
9.4.7.1 Market Estimates & Forecast, 2016-2023
9.4.7.2 Market Estimates & Forecast by Type, 2016-2023
9.4.7.3 Market Estimates & Forecast by Application, 2016-2023
9.4.8 Rest of Asia Pacific
9.4.8.1 Market Estimates & Forecast, 2016-2023
9.4.8.2 Market Estimates & Forecast by Type, 2016-2023
9.4.8.3 Market Estimates & Forecast by Application, 2016-2023
9.5 Middle East & Africa
9.5.1 Market Estimates & Forecast, 2016-2023
9.5.2 Market Estimates & Forecast by Type, 2016-2023
9.5.3 Market Estimates & Forecast by Application, 2016-2023
9.5.4 Turkey
9.5.4.1 Market Estimates & Forecast, 2016-2023
9.5.4.2 Market Estimates & Forecast by Type, 2016-2023
9.5.4.3 Market Estimates & Forecast by Application, 2016-2023
9.5.5 Israel
9.5.5.1 Market Estimates & Forecast, 2016-2023
9.5.5.2 Market Estimates & Forecast by Type, 2016-2023
9.5.5.3 Market Estimates & Forecast by Application, 2016-2023
9.5.6 North Africa
9.5.6.1 Market Estimates & Forecast, 2016-2023
9.5.6.2 Market Estimates & Forecast by Type, 2016-2023
9.5.6.3 Market Estimates & Forecast by Application, 2016-2023
9.5.7 GCC
9.5.7.1 Market Estimates & Forecast, 2016-2023
9.5.7.2 Market Estimates & Forecast by Type, 2016-2023
9.5.7.3 Market Estimates & Forecast by Application, 2016-2023
9.5.8 Rest of Middle East & Africa
9.5.8.1 Market Estimates & Forecast, 2016-2023
9.5.8.2 Market Estimates & Forecast by Type, 2016-2023
9.5.8.3 Market Estimates & Forecast by Application, 2016-2023

9.6 Latin America
9.6.1 Market Estimates & Forecast, 2016-2023
9.6.2 Market Estimates & Forecast by Type, 2016-2023
9.6.3 Market Estimates & Forecast by Application, 2016-2023
9.6.4 Brazil
9.6.4.1 Market Estimates & Forecast, 2016-2023
9.6.4.2 Market Estimates & Forecast by Type, 2016-2023
9.6.4.3 Market Estimates & Forecast by Application, 2016-2023
9.6.5 Argentina
9.6.5.1 Market Estimates & Forecast, 2016-2023
9.6.5.2 Market Estimates & Forecast by Type, 2016-2023
9.6.5.3 Market Estimates & Forecast by Application, 2016-2023
9.6.6 Mexico
9.6.6.1 Market Estimates & Forecast, 2016-2023
9.6.6.2 Market Estimates & Forecast by Type, 2016-2023
9.6.6.3 Market Estimates & Forecast by Application, 2016-2023
9.6.7 Rest of Latin America
9.6.7.1 Market Estimates & Forecast, 2016-2023
9.6.7.2 Market Estimates & Forecast by Type, 2016-2023
9.6.7.3 Market Estimates & Forecast by Application, 2016-2023

10. Company Landscape

11. Company Profiles
11.1 Royal Dutch Shell plc
11.1.1 Company Overview
12. Conclusion

List of Tables:

Table 1 World Population by Major Regions (2016 To 2030)
Table 2 Global Alpha Olefins Market: By Region, 2016-2023
Table 3 North America Alpha Olefins Market: By Country, 2016-2023
Table 4 Europe Alpha Olefins Market: By Country, 2016-2023
Table 5 Asia-Pacific Alpha Olefins Market: By Country, 2016-2023
Table 6 Middle East & Africa Alpha Olefins Market: By Country, 2016-2023
Table 7 Latin America Alpha Olefins Market: By Country, 2016-2023
Table 8 Global Alpha Olefins by Types Market: By Regions, 2016-2023
Table 9 North America Alpha Olefins by Types Market: By Country, 2016-2023
Table 10 Europe Alpha Olefins by Types Market: By Country, 2016-2023
Table 11 Asia-Pacific Alpha Olefins by Types Market: By Country, 2016-2023
Table 12 Middle East & Africa Alpha Olefins by Types Market: By Country, 2016-2023
Table 13 Latin America Alpha Olefins by Types Market: By Country, 2016-2023
Table 14 North America Alpha Olefins for Application Market: By Country, 2016-2023
Table 15 Europe Alpha Olefins for Application Market: By Country, 2016-2023
Table 16 Asia-Pacific Alpha Olefins for Application Market: By Country, 2016-2023
Table 17 Middle East & Africa Alpha Olefins for Application Market: By Country, 2016-2023
Table 18 Latin America Alpha Olefins for Application Market: By Country, 2016-2023
Table 20 Global Types Market: By Region, 2016-2023
Table 21 Global Application Market: By Region, 2016-2023
Table 22 North America Alpha Olefins Market, By Country
Table 23 North America Alpha Olefins Market, By Types
Table 24 North America Alpha Olefins Market, By Application
Table 25 Europe: Alpha Olefins Market, By Country
Table 26 Europe: Alpha Olefins Market, By Types
Table 27 Europe: Alpha Olefins Market, By Application
Table 28 Asia-Pacific: Alpha Olefins Market, By Country
Table 29 Asia-Pacific: Alpha Olefins Market, By Types
Table 30 Asia-Pacific: Alpha Olefins Market, By Application
Table 31 Middle East & Africa: Alpha Olefins Market, By Country
Table 32 Middle East & Africa: Alpha Olefins Market, By Types
Table 33 Middle East & Africa: Alpha Olefins Market, By Application
Table 34 Latin America: Alpha Olefins Market, By Country
Table 35 Latin America: Alpha Olefins Market, By Types
Table 36 Latin America: Alpha Olefins Market, By Application

List Of Figures:

FIGURE 1 Global Alpha Olefins Market segmentation
FIGURE 2 Forecast Methodology
FIGURE 3 Five Forces Analysis of Global Alpha Olefins Market
FIGURE 4 Value Chain of Global Alpha Olefins Market
FIGURE 5 Share of Global Alpha Olefins Market in 2016, by country (in %)
FIGURE 6 Global Alpha Olefins Market, 2016-2023,
FIGURE 7 Sub segments of Type
FIGURE 8 Global Alpha Olefins Market size by Type, 2016
FIGURE 9 Share of Global Alpha Olefins Market by Type, 2016 to 2023
FIGURE 10 Sub segments of Application
FIGURE 11 Global Alpha Olefins Market size by Application, 2016
FIGURE 12 Share of Global Alpha Olefins Market by Application, 2016 to 2023