

# Oxygenated Solvents Market by Source (Conventional and Bio & Green), Type (Alcohols, Esters, Glycols, Glycol Ethers, Ketones), Application (Paints & Coatings, Pharmaceuticals, Cleaners, and Crop Protection), Region - Global Forecast to 2022

https://marketpublishers.com/r/OC0519DB0FFEN.html

Date: November 2017

Pages: 178

Price: US\$ 5,650.00 (Single User License)

ID: OC0519DB0FFEN

# **Abstracts**

"The oxygenated solvents market is projected to grow at a CAGR of 7.8% from 2017 to 2022."

The oxygenated solvents market is estimated to grow from USD 22.28 billion in 2017 to USD 32.27 billion by 2022, at a CAGR of 7.8%. The increased demand for oxygenated solvents for the paints & coatings, pharmaceuticals, personal care, lubricants, and crop protection applications is expected to drive the growth of the oxygenated solvents market across the globe. Improved properties offered by oxygenated solvents, which include low-toxicity and high solvency power contribute to the increased demand for these oxygenated solvents. However, regulations over the VOC emissions restrain the growth of the oxygenated solvents market during the forecast period.

"The crop protection application segment is projected at the highest CAGR during the forecast period from 2017 to 2022."

The crop protection application segment is projected to grow at the highest CAGR during the forecast period, in terms of value. The use of oxygenated solvents in the crop protection products such as herbicide and insecticides helps in distribution of these products when sprayed on agricultural lands. The growth of this segment can be attributed to the increased usage of crop protection products due to increasing cultivable land globally.



"The conventional oxygenated solvent segment is estimated to be the largest market between 2017 and 2022."

The conventional oxygenated solvents segment is estimated to dominate the oxygenated solvents market between 2017 and 2022. The growth of this segment can be attributed to the relatively low cost of solvents in comparison to bio & green based solvents and lack of regulation in emerging economies such as India and Indonesia.

"The Asia Pacific oxygenated solvents market is projected to grow at the highest CAGR during the forecast period from 2017 to 2022."

The Asia-Pacific oxygenated solvents market is projected to grow at the highest CAGR between 2017 and 2022. The growth is attributed to the growth of the paints & coatings, agricultural, and pharmaceutical industries that has resulted in various manufacturers to make significant investments in the region. Increasing urbanization and continuously growing population are expected increase the demand for oxygenated solvents in the region. This, in turn, is expected to contribute toward the growth of the Asia-Pacific oxygenated solvents market during the forecast period.

Extensive primary interviews have been conducted to determine and verify the market size for several segments and subsegments.

The break-up of primary interviews has been given below.

By Company Type: Tier 1 – 50%, Tier 2 – 37%, and Tier 3 – 13%

By Designation: C Level – 46%, Director Level – 31%, and Others – 23%

By Region: North America – 33%, Europe – 28%, Asia Pacific – 22%, South America – 11%, and Middle East & Africa – 6%

The companies profiled in this market research report are BASF (Germany), The Dow Chemical Company (U.S.), OXEA (Germany), Royal Dutch Shell (Netherlands), ExxonMobil (U.S.), LyondellBasell (Netherlands), Eastman Chemical Company (U.S.), SINOPEC (China), and Petronas (Malaysia).

Research Coverage:



This research report has categorized the oxygenated solvents market on the basis of source, type, application, and region. It includes detailed information regarding the major factors, such as drivers, restraints, challenges, and opportunities, influencing the growth of the oxygenated solvents market. A detailed analysis of the key players has been done to provide insights on their business overviews, products & services offered, and key strategies, such as investments & expansions, and mergers & acquisitions adopted by them to strengthen their position in the oxygenated solvents market.

# Reasons to buy the report:

The report is expected to help market leaders/new entrants in this market in the following ways:

- 1. This report comprehensively segments the oxygenated solvents market and provides the closest approximations of the market sizes for the overall market and its subsegments across different regions.
- 2. The report is expected to help the stakeholders understand the pulse of the market and provide them information on the key market drivers, restraints, challenges, and opportunities.
- 3. This report is also expected to help the stakeholders understand major competitors in the market and gain insights to enhance their competitive positions in the market. The competitive landscape section includes major industry players from different regions, contributing to the market. The landscape consists of the top 25 companies ranked and grouped, on the basis of their competency parameters, such as geographical presence, recent strategic developments, patents filed, and number of employees.



# **Contents**

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
  - 1.3.1 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 UNITS CONSIDERED
- 1.6 LIMITATIONS
- 1.7 STAKEHOLDERS

# **2 RESEARCH METHODOLOGY**

- 2.1 RESEARCH DATA
  - 2.1.1 SECONDARY DATA
    - 2.1.1.1 Key data from secondary sources
  - 2.1.2 PRIMARY DATA
    - 2.1.2.1 Key data from primary sources
    - 2.1.2.2 Key industry insights
    - 2.1.2.3 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
  - 2.2.1 BOTTOM-UP APPROACH
  - 2.2.2 TOP-DOWN APPROACH
- 2.3 DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

# **3 EXECUTIVE SUMMARY**

### **4 PREMIUM INSIGHTS**

- 4.1 SIGNIFICANT OPPORTUNITIES IN THE OXYGENATED SOLVENTS MARKET
- 4.2 OXYGENATED SOLVENTS MARKET, BY APPLICATION
- 4.3 ASIA-PACIFIC OXYGENATED SOLVENTS MARKET, BY COUNTRY AND BY APPLICATION
- 4.4 OXYGENATED SOLVENTS MARKET, BY REGION
- 4.5 OXYGENATED SOLVENTS MARKET, BY TYPE



## **5 MARKET OVERVIEW**

### 5.1 INTRODUCTION

# 5.2 MARKET DYNAMICS

### 5.2.1 DRIVERS

- 5.2.1.1 Drivers for conventional solvent
  - 5.2.1.1.1 Growing applications of oxygenated solvents
- 5.2.1.2 Drivers for bio & green solvents
- 5.2.1.2.1 Increasing environmental regulations to reduce VOCs

### 5.2.2 RESTRAINTS

- 5.2.2.1 Restraints for conventional oxygenated solvents
  - 5.2.2.1.1 High VOC emission by conventional oxygenated solvents
  - 5.2.2.1.2 Solvent recycling technology affecting the demand for new solvents
- 5.2.2.2 Restraint for bio & green solvents
  - 5.2.2.1 Cost and performance issues

### 5.2.3 OPPORTUNITIES

- 5.2.3.1 Opportunities for conventional solvents
- 5.2.3.1.1 Growing demand for conventional oxygenated solvents in emerging economies
  - 5.2.3.1.2 Lower Crude Oil Prices
  - 5.2.3.2 Opportunities for bio & green solvents
  - 5.2.3.2.1 Improving economies of scales due to high demand

### 5.2.4 CHALLENGES

5.2.4.1 Impact of bio & green solvents on food security

### 5.3 PORTER FIVE FORCE ANALYSIS

### 5.3.1 CONVENTIONAL SOLVENT MARKET

- 5.3.1.1 Threat of new entrants
- 5.3.1.2 Threat of substitutes
- 5.3.1.3 Bargaining power of buyers
- 5.3.1.4 Bargaining power of suppliers
- 5.3.1.5 Intensity of competitive rivalry

### 5.3.2 BIO & GREEN SOLVENTS MARKET

- 5.3.2.1 Threat of new entrants
- 5.3.2.2 Threat of substitutes
- 5.3.2.3 Bargaining power of buyers
- 5.3.2.4 Bargaining power of suppliers
- 5.3.2.5 Intensity of competitive rivalry

# 5.4 MACROECONOMIC OVERVIEW AND KEY DRIVERS

### 5.4.1 INTRODUCTION



# 5.4.1.1 Automotive industry trends

5.4.1.1.1 Country-wise vehicle sales

# 5.4.2 AGRICULTURAL INDUSTRY TRENDS

# **6 OXYGENATED SOLVENTS MARKET, BY SOURCE**

# **6.1 INTRODUCTION**

- 6.1.1 CONVENTIONAL SOLVENTS
- 6.1.2 BIO & GREEN SOLVENTS

# 7 OXYGENATED SOLVENTS MARKET, BY TYPE

# 7.1 INTRODUCTION

- 7.1.1 ALCOHOLS
  - 7.1.1.1 Methanol
  - 7.1.1.2 Ethanol
  - 7.1.1.3 Propanol
  - 7.1.1.4 Butanol
  - 7.1.1.5 Other Alcohols

# **7.1.2 ESTERS**

- 7.1.2.1 Ethyl Acetate
- 7.1.2.2 Butyl Acetate
- 7.1.2.3 Pentyl Acetate
- 7.1.2.4 Other Acetates

### 7.1.3 KETONES

- 7.1.3.1 Acetone
- 7.1.3.2 Methyl ethyl ketone (MEK)
- 7.1.3.3 Methyl isobutyl ketone (MIBK)
- 7.1.3.4 Other Ketones
- 7.1.4 GLYCOL ETHERS
  - 7.1.4.1 E-Series Glycol Ethers
  - 7.1.4.2 P-Series Glycol Ethers
  - 7.1.4.3 Butyl Glycol Ethers
- 7.1.5 GLYCOL
- 7.1.5.1 Propylene Glycol
- 7.1.5.2 Ethylene Glycol
- 7.1.5.3 Other glycols
- 7.1.6 BIO & GREEN SOLVENT



# **8 OXYGENATED SOLVENTS MARKET, BY APPLICATION**

- 8.1 INTRODUCTION
- 8.2 PAINTS & COATINGS
- 8.3 CROP PROTECTION
- 8.4 PHARMACEUTICALS
- 8.5 CLEANERS
- 8.6 PERSONAL CARE
- 8.7 LUBRICANTS
- 8.8 OTHERS

# 9 OXYGENATED SOLVENTS MARKET, BY REGION

- 9.1 INTRODUCTION
- 9.2 OXYGENATED SOLVENTS MARKET, BY REGION
- 9.3 ASIA-PACIFIC
  - 9.3.1 CHINA
  - 9.3.2 JAPAN
  - 9.3.3 INDIA
  - 9.3.4 SOUTH KOREA
  - 9.3.5 INDONESIA
  - 9.3.6 REST OF ASIA-PACIFIC
- 9.4 EUROPE
  - 9.4.1 GERMANY
  - **9.4.2 FRANCE**
  - 9.4.3 ITALY
  - 9.4.4 U.K.
  - **9.4.5 RUSSIA**
  - 9.4.6 SPAIN
  - 9.4.7 REST OF EUROPE
- 9.5 NORTH AMERICA
  - 9.5.1 U.S.
  - 9.5.2 CANADA
  - 9.5.3 MEXICO
- 9.6 MIDDLE EAST & AFRICA
  - 9.6.1 SAUDI ARABIA
  - 9.6.2 SOUTH AFRICA
  - 9.6.3 REST OF MIDDLE EAST & AFRICA
- 9.7 SOUTH AMERICA



- **9.7.1 BRAZIL**
- 9.7.2 ARGENTINA
- 9.7.3 REST OF SOUTH AMERICA

# 10 COMPETITIVE LANDSCAPE

- **10.1 INTRODUCTION**
- 10.2 MARKET RANKING OF TOP 5 PLAYERS IN OXYGENATED SOLVENTS MARKET
  - 10.2.1 BASF
  - 10.2.2 THE DOW CHEMICAL COMPANY
  - 10.2.3 OXEA GMBH
  - 10.2.4 EASTMAN CHEMICAL COMPANY
  - 10.2.5 LYONDELLBASELL

# 11 COMPANY PROFILES

(Business Overview, Products Offered, Scorecard of Product Offering, Scorecard of Business Strategy, and New Product Launch)

- 11.1 BASF
- 11.2 THE DOW CHEMICAL COMPANY
- 11.3 OXEA GMBH
- 11.4 EASTMAN CHEMICAL COMPANY
- 11.5 LYONDELLBASELL
- 11.6 ROYAL DUTCH SHELL
- 11.7 EXXONMOBIL
- **11.8 INEOS**
- 11.9 CHINA PETROLEUM & CHEMICAL CORPORATION (SINOPEC)
- 11.10 PETROLIAM NASIONAL BERHAD (PETRONAS)
- 11.11 OTHER MARKET PLAYERS
  - 11.11.1 ARKEMA SA
  - 11.11.2 MONUMENT CHEMICAL INC.
  - 11.11.3 CELANESE CORPORATION
  - 11.11.4 HUNTSMAN CORPORATION
  - 11.11.5 SOLVAY SA
  - 11.11.6 LG CHEM LTD.
  - 11.11.7 SASOL SA
  - 11.11.8 RELIANCE INDUSTRIES



- 11.11.9 MITSUBISHI CHEMICAL CORPORATION
- 11.11.10 JILIN XINGYUN CHEMICAL CO., LTD.
- 11.11.11 MITSUI CHEMICALS, INC.
- 11.11.12 NAN YA PLASTIC CORP.
- 11.11.13 VERTEC BIOSOLVENTS
- 11.11.14 PETROCHINA SICHUAN PETROCHEMICAL COMPANY
- 11.11.15 FORMOSA PLASTICS GROUP

# **12 APPENDIX**

- 12.1 INSIGHTS FROM INDUSTRY EXPERTS
- 12.2 DISCUSSION GUIDE
- 12.3 KNOWLEDGE STORE: MARKETSANDMARKETS SUBSCRIPTION PORTAL
- 12.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 12.5 AVAILABLE CUSTOMIZATIONS
- 12.6 RELATED REPORTS
- 12.7 AUTHOR DETAILS

<sup>\*</sup>Details might not be captured in case of unlisted companies



# **List Of Tables**

### LIST OF TABLES

TABLE 1 TOP 10 ECONOMIES BY GDP IN PPP TERMS, 2016

TABLE 2 VEHICLE SALES, BY KEY COUNTRY, 2013–2016

TABLE 3 REGIONAL CROP LAND USAGE TREND (SQUARE KILOMETER)

TABLE 4 OXYGENATED SOLVENTS MARKET SIZE, BY SOURCE, 2015–2022 (KILOTON)

TABLE 5 OXYGENATED SOLVENTS MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

TABLE 6 CONVENTIONAL OXYGENATED SOLVENTS MARKET, BY REGION, 2015–2022 (KILOTON)

TABLE 7 CONVENTIONAL OXYGENATED SOLVENTS MARKET, BY REGION, 2015–2022 (USD MILLION)

TABLE 8 BIO & GREEN OXYGENATED SOLVENTS MARKET, BY REGION, 2015–2022 (KILOTON)

TABLE 9 BIO & GREEN OXYGENATED SOLVENTS MARKET, BY REGION, 2015–2022 (USD MILLION)

TABLE 10 OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (KILOTON)

TABLE 11 OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

TABLE 12 ALCOHOL SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (KILOTON)

TABLE 13 ALCOHOL SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 14 ALCOHOL SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (KILOTON)

TABLE 15 ALCOHOL SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (USD MILLION)

TABLE 16 METHANOL: GENERAL PROPERTIES

TABLE 17 ETHANOL: GENERAL PROPERTIES

TABLE 18 PROPANOL: GENERAL PROPERTIES

TABLE 19 BUTANOL: GENERAL PROPERTIES

TABLE 20 ESTER SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (KILOTON)

TABLE 21 ESTER SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 22 ETHYL ACETATE: GENERAL PROPERTIES



TABLE 23 BUTYL ACETATE: GENERAL PROPERTIES

TABLE 24 ESTER SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (KILOTON)

TABLE 25 ESTER SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (USD MILLION)

TABLE 26 KETONE SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (KILOTON) TABLE 27 KETONE SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 28 ACETONE: GENERAL PROPERTIES

**TABLE 29 MEK: GENERAL PROPERTIES** 

TABLE 30 MIBK: GENERAL PROPERTIES

TABLE 31 KETONE SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (KILOTON)

TABLE 32 KETONE SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022(USD MILLION)

TABLE 33 GLYCOL ETHER SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (KILOTON)

TABLE 34 GLYCOL ETHER SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 35 GLYCOL ETHER SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (KILOTON)

TABLE 36 GLYCOL ETHER SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (USD MILLION)

TABLE 37 GLYCOL SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (KILOTON) TABLE 38 GLYCOL SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 39 PROPYLENE GLYCOL: GENERAL PROPERTIES

TABLE 40 GLYCOL SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (KILOTON)

TABLE 41 GLYCOL SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (USD MILLION)

TABLE 42 BIO & GREEN SOLVENT SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (KILOTON)

TABLE 43 BIO & GREEN SOLVENT SOLVENTS MARKET SIZE, BY SUB-TYPE, 2015–2022 (USD MILLION)

TABLE 44 OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 45 OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 46 OXYGENATED SOLVENTS MARKET SIZE IN PAINTS & COATINGS, BY



REGION, 2015-2022 (KILOTON)

TABLE 47 OXYGENATED SOLVENTS MARKET SIZE IN PAINTS & COATINGS, BY REGION, 2015–2022 (USD MILLION)

TABLE 48 OXYGENATED SOLVENTS MARKET SIZE IN CROP PROTECTION, BY REGION, 2015–2022 (KILOTON)

TABLE 49 OXYGENATED SOLVENTS MARKET SIZE IN CROP PROTECTION, BY REGION, 2015–2022 (USD MILLION)

TABLE 50 OXYGENATED SOLVENTS MARKET SIZE IN PHARMACEUTICALS, BY REGION, 2015–2022 (KILOTON)

TABLE 51 OXYGENATED SOLVENTS MARKET SIZE IN PHARMACEUTICALS, BY REGION, 2015–2022 (USD MILLION)

TABLE 52 OXYGENATED SOLVENTS MARKET SIZE IN CLEANERS, BY REGION, 2015–2022 (KILOTON)

TABLE 53 OXYGENATED SOLVENTS MARKET SIZE IN CLEANERS, BY REGION, 2015–2022 (USD MILLION)

TABLE 54 OXYGENATED SOLVENTS MARKET SIZE IN PERSONAL CARE, BY REGION, 2015–2022 (KILOTON)

TABLE 55 OXYGENATED SOLVENTS MARKET SIZE IN PERSONAL CARE, BY REGION, 2015–2022 (USD MILLION)

TABLE 56 OXYGENATED SOLVENTS MARKET SIZE IN LUBRICANTS, BY REGION, 2015–2022 (KILOTON)

TABLE 57 OXYGENATED SOLVENTS MARKET SIZE IN LUBRICANTS, BY REGION, 2015–2022 (USD MILLION)

TABLE 58 OXYGENATED SOLVENTS MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2015–2022 (KILOTON)

TABLE 59 OXYGENATED SOLVENTS MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2015–2022 (USD MILLION)

TABLE 60 OXYGENATED SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (KILOTON)

TABLE 61 OXYGENATED SOLVENTS MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

TABLE 62 ASIA-PACIFIC: OXYGENATED SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (KILOTON)

TABLE 63 ASIA-PACIFIC: OXYGENATED SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 64 ASIA-PACIFIC: AGRICULTURE SECTOR CONTRIBUTION TO GDP (% OF GDP), BY COUNTRY, 2016

TABLE 65 ASIA-PACIFIC: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (KILOTON)



TABLE 66 ASIA-PACIFIC: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

TABLE 67 CHINA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 68 CHINA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 69 JAPAN: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 70 JAPAN: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 71 INDIA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 72 INDIA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 73 SOUTH KOREA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 74 SOUTH KOREA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 75 INDONESIA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 76 INDONESIA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 77 REST OF ASIA-PACIFIC: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 78 REST OF ASIA-PACIFIC: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 79 EUROPE: OXYGENATED SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (KILOTON)

TABLE 80 EUROPE: OXYGENATED SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 81 EUROPE: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (KILOTON)

TABLE 82 EUROPE: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

TABLE 83 GERMANY: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 84 GERMANY: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 85 FRANCE: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION,



2015-2022 (KILOTON)

TABLE 86 FRANCE: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 87 ITALY: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 88 ITALY: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 89 U.K.: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 90 U.K.: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 91 RUSSIA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 92 RUSSIA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 93 SPAIN: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 94 SPAIN: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 95 REST OF EUROPE: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 96 REST OF EUROPE: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 97 NORTH AMERICA: OXYGENATED SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (KILOTON)

TABLE 98 NORTH AMERICA: OXYGENATED SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 99 NORTH AMERICA: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (KILOTON)

TABLE 100 NORTH AMERICA: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

TABLE 101 U.S.: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 102 U.S.: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 103 CANADA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 104 CANADA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)



TABLE 105 MEXICO: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 106 MEXICO: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 107 MIDDLE EAST & AFRICA: OXYGENATED SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (KILOTON)

TABLE 108 MIDDLE EAST & AFRICA: OXYGENATED SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 109 MIDDLE EAST & AFRICA: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (KILOTON)

TABLE 110 MIDDLE EAST & AFRICA: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

TABLE 111 SAUDI ARABIA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 112 SAUDI ARABIA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 113 SOUTH AFRICA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 114 SOUTH AFRICA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 115 REST OF MIDDLE EAST & AFRICA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 116 REST OF MIDDLE EAST & AFRICA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 117 SOUTH AMERICA: SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (KILOTON)

TABLE 118 SOUTH AMERICA: SOLVENTS MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

TABLE 119 SOUTH AMERICA: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (KILOTON)

TABLE 120 SOUTH AMERICA: OXYGENATED SOLVENTS MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

TABLE 121 BRAZIL: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 122 BRAZIL: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)

TABLE 123 ARGENTINA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 124 ARGENTINA: OXYGENATED SOLVENTS MARKET SIZE, BY



APPLICATION, 2015-2022 (USD MILLION)

TABLE 125 REST OF SOUTH AMERICA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (KILOTON)

TABLE 126 REST OF SOUTH AMERICA: OXYGENATED SOLVENTS MARKET SIZE, BY APPLICATION, 2015–2022 (USD MILLION)



# **List Of Figures**

### LIST OF FIGURES

FIGURE 1 OXYGENATED SOLVENTS MARKET: RESEARCH DESIGN

FIGURE 2 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH

FIGURE 3 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH

FIGURE 4 OXYGENATED SOLVENTS MARKET: DATA TRIANGULATION

FIGURE 5 CONVENTIONAL OXYGENATED SOLVENTS TO DOMINATE

OXYGENATED SOLVENTS MARKET DURING THE FORECAST PERIOD

FIGURE 6 ALCOHOLS TO BE THE LARGEST SEGMENT OF THE MARKET

**BETWEEN 2017 AND 2022** 

FIGURE 7 PAINTS & COATINGS APPLICATION TO LEAD OXYGENATED

SOLVENTS MARKET BETWEEN 2017 AND 2022

FIGURE 8 ASIA-PACIFIC ACCOUNTED FOR THE LARGEST SHARE OF

**OXYGENATED SOLVENTS MARKET** 

FIGURE 9 EMERGING ECONOMIES TO OFFER LUCRATIVE GROWTH

OPPORTUNITIES TO MARKET PLAYERS BETWEEN 2017 AND 2022

FIGURE 10 CROP PROTECTION TO BE THE FASTEST-GROWING APPLICATION

IN OXYGENATED SOLVENTS MARKET DURING FORECAST PERIOD

FIGURE 11 PAINTS & COATINGS TO BE THE LARGEST APPLICATION IN

OXYGENATED SOLVENTS MARKET IN ASIA-PACIFIC

FIGURE 12 ASIA-PACIFIC ACCOUNTED FOR THE LARGEST SHARE OF

OXYGENATED SOLVENTS MARKET

FIGURE 13 BIO & GREEN SOLVENTS TO ACCOUNT FOR THE LARGEST MARKET

SHARE DURING FORECAST PERIOD

FIGURE 14 FACTORS GOVERNING OXYGENATED SOLVENTS MARKET

FIGURE 15 LOWER CRUDE OIL PRICES

FIGURE 16 PORTER'S FIVE FORCES ANALYSIS OF THE CONVENTIONAL

SOLVENTS MARKET

FIGURE 17 PORTER'S FIVE FORCES ANALYSIS OF THE BIO & GREEN

SOLVENTS MARKET

FIGURE 18 CONVENTIONAL SOLVENTS TO DOMINATE OXYGENATED

SOLVENTS MARKET

FIGURE 19 ASIA-PACIFIC TO BE THE LARGEST MARKET FOR CONVENTIONAL

**SOLVENTS** 

FIGURE 20 NORTH AMERICA TO BE THE LARGEST MARKET FOR BIO & GREEN

OXYGENATED SOLVENTS DURING FORECAST PERIOD

FIGURE 21 ALCOHOLS TO BE THE LARGEST OXYGENATED SOLVENTS MARKET



FIGURE 22 PAINTS & COATINGS APPLICATION TO LEAD THE OXYGENATED SOLVENTS MARKET

FIGURE 23 INDIA EXPECTED TO EXPERIENCE FASTEST GROWTH DURING FORECAST PERIOD

FIGURE 24 GROWING INVESTMENT IN INFRASTRUCTURE TO DRIVE ASIA-PACIFIC OXYGENATED SOLVENTS MARKET

FIGURE 25 U.S. DOMINATES OXYGENATED SOLVENTS MARKET IN NORTH AMERICA

FIGURE 26 U.S OXYGENATED SOLVENTS MARKET

FIGURE 27 TOP 5 PLAYERS IN OXYGENATED SOLVENTS MARKET, 2016

FIGURE 28 BASF SE: COMPANY SNAPSHOT

FIGURE 29 THE DOW CHEMICAL COMPANY: COMPANY SNAPSHOT

FIGURE 30 EASTMAN CHEMICAL COMPANY: COMPANY SNAPSHOT

FIGURE 31 LYONDELLBASELL: COMPANY SNAPSHOT

FIGURE 32 ROYAL DUTCH SHELL: COMPANY SNAPSHOT

FIGURE 33 EXXONMOBIL CORPORATION: COMPANY SNAPSHOT

FIGURE 34 INEOS: COMPANY SNAPSHOT

FIGURE 35 CHINA PETROLEUM & CHEMICAL CORPORATION (SINOPEC):

COMPANY SNAPSHOT

FIGURE 36 PETROLIAM NASIONAL BERHAD (PETRONAS): COMPANY SNAPSHOT



# I would like to order

Product name: Oxygenated Solvents Market by Source (Conventional and Bio & Green), Type (Alcohols,

Esters, Glycols, Glycol Ethers, Ketones), Application (Paints & Coatings,

Pharmaceuticals, Cleaners, and Crop Protection), Region - Global Forecast to 2022

Product link: <a href="https://marketpublishers.com/r/OC0519DB0FFEN.html">https://marketpublishers.com/r/OC0519DB0FFEN.html</a>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/OC0519DB0FFEN.html">https://marketpublishers.com/r/OC0519DB0FFEN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below



and fax the completed form to +44 20 7900 3970