

# Organophosphorus flame retardants (OPFRs) Market Research: Global Status & Forecast by Geography, Type & Application (2015-2025)

https://marketpublishers.com/r/O0CE5CC56C4EN.html

Date: May 2019 Pages: 58 Price: US\$ 2,280.00 (Single User License) ID: O0CE5CC56C4EN

## **Abstracts**

According to 99Strategy, the Global Organophosphorus flame retardants (OPFRs) Market is estimated to reach xxx million USD in 2019 and projected to grow at the CAGR of xx% during the 2020-2025. The report analyses the global Organophosphorus flame retardants (OPFRs) market, the market size and growth, as well as the major market participants.

The analysis includes market size, upstream situation, market segmentation, market segmentation, price & cost and industry environment. In addition, the report outlines the factors driving industry growth and the description of market channels. The report begins from overview of industrial chain structure, and describes the upstream. Besides, the report analyses market size and forecast in different geographies, type and end-use segment, in addition, the report introduces market competition overview among the major companies and companies profiles, besides, market price and channel features are covered in the report.

Key Regions

Asia Pacific

North America

Europe

South America



#### Middle East & Africa

#### Key Companies

Israel Chemicals Ltd.

Clariant

Chemtura Corporation

Lanxess

THOR group

Akzo Nobel N.V.

Albemarle Corp.

Aluminum Corporation of China Limited (CHALCO)

BASF SE

Huber Engineered Materials

**Rio Tinto Group** 

The Dow Chemical Company

Tosoh Corp

Key Product Type

Organophosphates

Organophosphonates

Organophosphinates



Organoposphine Oxide

Organophosphites

Market by Application

**Plastic Products** 

**Electronic Devices** 

**Construction Material** 

Textiles

Others

Main Aspects covered in the Report

Overview of the Organophosphorus flame retardants (OPFRs) market including production, consumption, status & forecast and market growth

2015-2018 historical data and 2019-2025 market forecast

Geographical analysis including major countries

Overview the product type market including development

Overview the end-user market including development



# Contents

#### **1 INDUSTRIAL CHAIN OVERVIEW**

- 1.1 Organophosphorus flame retardants (OPFRs) Industry
- 1.1.1 Overview
- 1.1.2 Characteristics of Organophosphorus flame retardants (OPFRs)
- 1.2 Upstream
  - 1.2.1 Major Materials
  - 1.2.2 Manufacturing Overview
- 1.3 Product List By Type
- 1.3.1 Organophosphates
- 1.3.2 Organophosphonates
- 1.3.3 Organophosphinates
- 1.3.4 Organoposphine Oxide
- 1.3.5 Organophosphites
- 1.4 End-Use List
- 1.4.1 Demand in Plastic Products
- 1.4.2 Demand in Electronic Devices
- 1.4.3 Demand in Construction Material
- 1.4.4 Demand in Textiles
- 1.4.5 Demand in Others
- 1.5 Global Market Overview
- 1.5.1 Global Market Size and Forecast, 2015-2025
- 1.5.2 Global Market Size and Forecast by Geography with CAGR, 2015-2025
- 1.5.3 Global Market Size and Forecast by Product Type with CAGR, 2015-2025
- 1.5.4 Global Market Size and Forecast by End-Use with CAGR, 2015-2025

### **2 GLOBAL PRODUCTION & CONSUMPTION BY GEOGRAPHY**

- 2.1 Global Production & Consumption
  - 2.1.1 Global Production
  - 2.1.2 Global Consumption
- 2.2 Geographic Production & Consumption
  - 2.2.1 Production
    - 2.2.1.1 Asia-Pacific
    - 2.2.1.2 North America
    - 2.2.1.3 South America
    - 2.2.1.4 Europe



- 2.2.1.5 Middle East & Africa
- 2.2.2 Consumption
  - 2.2.2.1 Asia-Pacific
  - 2.2.2.2 North America
  - 2.2.2.3 South America
  - 2.2.2.4 Europe
  - 2.2.2.5 Middle East & Africa

### **3 MAJOR MANUFACTURERS INTRODUCTION**

- 3.1 Manufacturers Overview
- 3.2 Manufacturers List
- 3.2.1 Israel Chemicals Ltd. Overview
  - 3.2.1.1 Product Specifications
- 3.2.1.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
  - 3.2.1.3 Recent Developments
  - 3.2.1.4 Future Strategic Planning
  - 3.2.2 Clariant Overview
    - 3.2.2.1 Product Specifications
  - 3.2.2.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
  - 3.2.2.3 Recent Developments
  - 3.2.2.4 Future Strategic Planning
  - 3.2.3 Chemtura Corporation Overview
    - 3.2.3.1 Product Specifications
  - 3.2.3.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
  - 3.2.3.3 Recent Developments
  - 3.2.3.4 Future Strategic Planning
  - 3.2.4 Lanxess Overview
    - 3.2.4.1 Product Specifications
- 3.2.4.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
  - 3.2.4.3 Recent Developments
  - 3.2.4.4 Future Strategic Planning
  - 3.2.5 THOR group Overview
    - 3.2.5.1 Product Specifications
  - 3.2.5.2 Business Data (Production Volume (Volume), Production Amount (Million



- USD), Price, Cost, Margin)
  - 3.2.5.3 Recent Developments
  - 3.2.5.4 Future Strategic Planning
  - 3.2.6 Akzo Nobel N.V. Overview
  - 3.2.6.1 Product Specifications

3.2.6.2 Business Data (Production Volume (Volume), Production Amount (Million

- USD), Price, Cost, Margin)
  - 3.2.6.3 Recent Developments
  - 3.2.6.4 Future Strategic Planning
  - 3.2.7 Albemarle Corp. Overview
  - 3.2.7.1 Product Specifications
  - 3.2.7.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
  - 3.2.7.3 Recent Developments
  - 3.2.7.4 Future Strategic Planning
- 3.2.8 Aluminum Corporation of China Limited (CHALCO) Overview
  - 3.2.8.1 Product Specifications
- 3.2.8.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
  - 3.2.8.3 Recent Developments
  - 3.2.8.4 Future Strategic Planning
  - 3.2.9 BASF SE Overview
  - 3.2.9.1 Product Specifications

3.2.9.2 Business Data (Production Volume (Volume), Production Amount (Million

- USD), Price, Cost, Margin)
  - 3.2.9.3 Recent Developments
  - 3.2.9.4 Future Strategic Planning
  - 3.2.10 Huber Engineered Materials Overview
    - 3.2.10.1 Product Specifications

3.2.10.2 Business Data (Production Volume (Volume), Production Amount (Million

USD), Price, Cost, Margin)

- 3.2.10.3 Recent Developments
- 3.2.10.4 Future Strategic Planning
- 3.2.11 Rio Tinto Group Overview
  - 3.2.11.1 Product Specifications
- 3.2.11.2 Business Data (Production Volume (Volume), Production Amount (Million

USD), Price, Cost, Margin)

- 3.2.11.3 Recent Developments
- 3.2.11.4 Future Strategic Planning



- 3.2.12 The Dow Chemical Company Overview
  - 3.2.12.1 Product Specifications
- 3.2.12.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
  - 3.2.12.3 Recent Developments
  - 3.2.12.4 Future Strategic Planning
  - 3.2.13 Tosoh Corp Overview
  - 3.2.13.1 Product Specifications
  - 3.2.13.2 Business Data (Production Volume (Volume), Production Amount (Million
- USD), Price, Cost, Margin)
  - 3.2.13.3 Recent Developments
  - 3.2.13.4 Future Strategic Planning

#### **4 MARKET COMPETITION PATTERN**

- 4.1 Market Size and Sketch
- 4.2 Company Market Share
  - 4.2.1 Global Production by Major Manufacturers
  - 4.2.2 Market Concentration Analysis
- 4.3 Market News and Trend
  - 4.3.1 Merger & Acquisition
  - 4.3.2 New Product Launch

### **5 PRODUCT TYPE SEGMENT**

- 5.1 Global Overview by Product Type Segment
- 5.2 Segment Subdivision by Product Type
- 5.2.1 Market in Organophosphates
  - 5.2.1.1 Market Size
  - 5.2.1.2 Situation & Development
- 5.2.2 Market in Organophosphonates
  - 5.2.2.1 Market Size
  - 5.2.2.2 Situation & Development
- 5.2.3 Market in Organophosphinates
  - 5.2.3.1 Market Size
  - 5.2.3.2 Situation & Development
- 5.2.4 Market in Organoposphine Oxide
  - 5.2.4.1 Market Size
  - 5.2.4.2 Situation & Development



- 5.2.5 Market in Organophosphites 5.2.5.1 Market Size
  - 5.2.5.2 Situation & Development

#### **6 END-USE SEGMENT**

- 6.1 Global Overview by End-Use Segment
- 6.2 Segment Subdivision
  - 6.2.1 Market in Plastic Products
    - 6.2.1.1 Market Size
    - 6.2.1.2 Situation & Development
  - 6.2.2 Market in Electronic Devices
  - 6.2.2.1 Market Size
  - 6.2.2.2 Situation & Development
  - 6.2.3 Market in Construction Material
  - 6.2.3.1 Market Size
  - 6.2.3.2 Situation & Development
  - 6.2.4 Market in Textiles
    - 6.2.4.1 Market Size
  - 6.2.4.2 Situation & Development
  - 6.2.5 Market in Others
  - 6.2.5.1 Market Size
  - 6.2.5.2 Situation & Development

#### 7 MARKET FORECAST & TREND

- 7.1 Regional Forecast
- 7.2 Consumption Forecast
  - 7.2.1 Product Type Forecast
  - 7.2.2 End-Use Forecast
- 7.3 Investment Trend
- 7.4 Consumption Trend

#### **8 PRICE & CHANNEL**

8.1 Price and Cost8.1.1 Price8.1.2 Cost8.2 Channel Segment



#### 9 MARKET DRIVERS & INVESTMENT ENVIRONMENT

- 9.1 Market Drivers
- 9.2 Investment Environment

#### **10 RESEARCH CONCLUSION**



# **List Of Tables**

#### LIST OF TABLES

Table Global Market Size and Forecast by Geography with Growth Rate, 2015-2025 Table Global Market Size and Forecast by Type with Growth Rate, 2015-2025 Table Global Market Size and Forecast by End-Use with Growth Rate, 2015-2025 Table Global Production Volume Status and Growth Rate by Geography, 2015-2018, in Volume Table Global Production Amount Status and Growth Rate by Geography, 2015-2018, in Million USD Table Global Market Volume and Growth Rate by Geography, 2015-2018, in Volume Table Global Market Amount and Growth Rate by Geography, 2015-2018, in Million USD Table Asia-Pacific Production Volume Status and Growth Rate by Region, 2015-2018, in Volume Table Asia-Pacific Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD Table North America Production Volume Status and Growth Rate by Region, 2015-2018, in Volume Table North America Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD Table South America Production Volume Status and Growth Rate by Region, 2015-2018. in Volume Table South America Production Amount Status and Growth Rate by Region, 2015-2018. in Million USD Table Europe Production Volume Status and Growth Rate by Region, 2015-2018, in Volume Table Europe Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD Table Middle East & Africa Production Volume Status and Growth Rate by Region, 2015-2018, in Volume Table Middle East & Africa Production Amount Status and Growth Rate by Region, 2015-2018, in Million USD Table Asia-Pacific Market Volume and Growth Rate by Region, 2015-2018, in Volume Table Asia-Pacific Market Amount and Growth Rate by Region, 2015-2018, in Million USD Table North America Market Volume and Growth Rate by Region, 2015-2018, in Volume



Table North America Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table South America Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Europe Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Europe Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Middle East & Africa Market Volume and Growth Rate by Region, 2015-2018, in Volume

Table Middle East & Africa Market Amount and Growth Rate by Region, 2015-2018, in Million USD

Table Major Manufacturers Headquarters and Contact Information

Table Major Manufacturers Capacity List in 2018

Table Israel Chemicals Ltd. Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Israel Chemicals Ltd. (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Clariant Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Clariant (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Chemtura Corporation Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Chemtura Corporation (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Lanxess Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Lanxess (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table THOR group Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of THOR group (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Akzo Nobel N.V. Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Akzo Nobel N.V. (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Albemarle Corp. Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Albemarle



Corp. (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Aluminum Corporation of China Limited (CHALCO) Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Aluminum Corporation of China Limited (CHALCO) (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table BASF SE Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of BASF SE (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Huber Engineered Materials Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Huber Engineered Materials (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Rio Tinto Group Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Rio Tinto Group (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table The Dow Chemical Company Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of The Dow Chemical Company (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross Margin)

Table Tosoh Corp Overview List

Table Organophosphorus flame retardants (OPFRs) Business Operation of Tosoh Corp (Production Volume (Volume), Production Amount (Million USD), Price, Cost, Gross

Margin)

Table Global Production Volume List by Manufacturers, 2015-2018, in Volume Table Global Production Volume Share List by Manufacturers, 2015-2018, in Volume Table Global Production Amount List by Manufacturers, 2015-2018, in Million USD Table Global Production Amount Share List by Manufacturers, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by Product Type Segment 2015-2018, in Volume

Table Global Market Status and Growth Rate by End-Use Segment, 2015-2018, in Million USD

Table Global Market Status and Growth Rate by End-Use Segment 2015-2018, in Volume



Table Global Market Forecast by Region Segment 2019-2025, in Million USD Table Global Market Forecast by Region Segment 2019-2025, in Volume Table Global Market Amount by Product Type Segment 2019-2025, in Million USD Table Global Market Volume by Product Type Segment 2019-2025, in Volume Table Global Market Amount by End-Use Segment 2019-2025, in Million USD Table Global Market Volume by End-Use Segment 2019-2025, in Volume



# **List Of Figures**

#### LIST OF FIGURES

Figure Organophosphorus flame retardants (OPFRs) Picture List Figure Global Market Size and Forecast with Growth Rate, 2015-2025 Figure Global Production Volume Status and Growth Rate, 2015-2018, in Volume Figure Global Production Amount Status and Growth Rate, 2015-2018, in Million USD Figure Global Market Volume and Growth Rate, 2015-2018, in Volume Figure Global Market Amount and Growth Rate, 2015-2018, in Million USD Figure Asia-Pacific Production Volume Status and Growth Rate, 2015-2018, in Volume Figure Asia-Pacific Production Amount Status and Growth Rate, 2015-2018, in Million USD Figure North America Production Volume Status and Growth Rate, 2015-2018, in Volume Figure North America Production Amount Status and Growth Rate, 2015-2018, in Million USD Figure South America Production Volume Status and Growth Rate, 2015-2018, in Volume Figure South America Production Amount Status and Growth Rate, 2015-2018, in Million USD Figure Europe Production Volume Status and Growth Rate, 2015-2018, in Volume Figure Europe Production Amount Status and Growth Rate, 2015-2018, in Million USD Figure Middle East & Africa Production Volume Status and Growth Rate, 2015-2018, in Volume Figure Middle East & Africa Production Amount Status and Growth Rate, 2015-2018, in Million USD Figure Asia-Pacific Market Volume and Growth Rate, 2015-2018, in Volume Figure Asia-Pacific Market Amount and Growth Rate, 2015-2018, in Million USD Figure North America Market Volume and Growth Rate, 2015-2018, in Volume Figure North America Market Amount and Growth Rate, 2015-2018, in Million USD Figure Europe Market Volume and Growth Rate, 2015-2018, in Volume Figure South America Market Amount and Growth Rate, 2015-2018, in Million USD Figure Europe Market Volume and Growth Rate, 2015-2018, in Volume Figure Europe Market Amount and Growth Rate, 2015-2018, in Million USD Figure Middle East & Africa Market Volume and Growth Rate, 2015-2018, in Volume Figure Middle East & Africa Market Amount and Growth Rate, 2015-2018, in Million USD Figure Global Production Volume Share by Manufacturers in 2019, in Volume



Figure Global Production Amount Share by Manufacturers in 2019, in Million USD Figure Global Market Amount and Growth Rate in Organophosphates, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Organophosphates, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Organophosphonates, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Organophosphonates, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Organophosphinates, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Organophosphinates, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Organoposphine Oxide, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Organoposphine Oxide, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Organophosphites, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Organophosphites, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Plastic Products, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Plastic Products, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Electronic Devices, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Electronic Devices, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Construction Material, 2015-2018, in USD Million

Figure Global Market Amount and Growth Rate in Construction Material, 2015-2018, in Volume

Figure Global Market Amount and Growth Rate in Textiles, 2015-2018, in USD Million Figure Global Market Amount and Growth Rate in Textiles, 2015-2018, in Volume Figure Global Market Amount and Growth Rate in Others, 2015-2018, in USD Million Figure Global Market Amount and Growth Rate in Others, 2015-2018, in Volume



#### I would like to order

Product name: Organophosphorus flame retardants (OPFRs) Market Research: Global Status & Forecast by Geography, Type & Application (2015-2025)
 Product link: <a href="https://marketpublishers.com/r/O0CE5CC56C4EN.html">https://marketpublishers.com/r/O0CE5CC56C4EN.html</a>
 Price: US\$ 2,280.00 (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 <u>https://marketpublishers.com/r/O0CE5CC56C4EN.html</u>

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 <u>https://marketpublishers.com/docs/terms.html</u>

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

