

Diethyl Phenyl Phosphate (DOPP) Plasticizer Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Grade (Premium Grade, First Grade, Qualified Grade), By Application (Automotive, Flexible PVC, Flooring Surfaces, Gaskets, Pressure Sensitive Adhesives, Others), By Region and Competition

<https://marketpublishers.com/r/DAB1D7D59500EN.html>

Date: November 2023

Pages: 183

Price: US\$ 4,900.00 (Single User License)

ID: DAB1D7D59500EN

Abstracts

Global Diethyl Phenyl Phosphate (DOPP) Plasticizer Market has valued at USD1.18 billion in 2022 and is anticipated to project robust growth in the forecast period with a CAGR of 4.54% through 2028. DOPP plasticizers, also known as Diethyl Phthalate Plasticizers, are gaining popularity due to their exceptional properties that enhance the flexibility, durability, and workability of various materials. This makes them an indispensable component in numerous industries, notably the booming construction sector.

The escalating demand for DOPP plasticizers can be attributed to several factors. Firstly, the rapid pace of urbanization and population growth worldwide has led to increased investment in infrastructure development. As a result, there is a higher demand for construction materials, subsequently driving the need for DOPP plasticizers.

Furthermore, the growing trend towards green and sustainable building practices has further fueled the demand for DOPP. As a plasticizer, DOPP has the unique ability to enhance the performance of recycled materials, making it increasingly popular in eco-friendly construction projects. By improving the properties of recycled materials, DOPP contributes to reducing waste and promoting a circular economy.

To meet this surging demand, manufacturers are actively investing in research and development to enhance production capabilities and develop even more efficient and eco-friendly DOPP products. These advancements aim to address the challenges posed by evolving construction practices and stricter environmental regulations.

As the global construction industry continues to evolve, the demand for DOPP plasticizers is expected to rise correspondingly. The versatility and effectiveness of DOPP make it an indispensable ingredient for meeting the ever-growing material needs of various construction projects.

In conclusion, the global DOPP plasticizer market is poised for significant growth in the coming years, driven by the expanding construction industry and the increasing adoption of sustainable practices. As the industry evolves, DOPP will continue to play a crucial role in meeting global material requirements, contributing to a more sustainable and efficient future.

Key Market Drivers

Growing Demand of Dioctyl Phenyl Phosphate (DOPP) Plasticizer from Construction Industry

In the construction industry, DOPP plasticizers are widely used due to their exceptional properties. These include enhancing the flexibility, durability, and workability of various construction materials, such as concrete and PVC. By improving these characteristics, DOPP plasticizers contribute to the overall quality and longevity of construction projects. This makes DOPP an indispensable component in the manufacturing process of a wide range of construction products, including pipes, cables, flooring, and roofing materials.

The expansion of the construction industry can be largely attributed to factors such as rapid urbanization, population growth, and increased investments in infrastructure development. These trends have led to a significant surge in the demand for construction materials, subsequently driving the need for high-quality plasticizers like DOPP. With its superior performance and versatility, DOPP plasticizers have become increasingly sought after in the construction sector.

Moreover, the global movement towards green and sustainable building practices has further intensified the demand for DOPP. Its unique ability to enhance the performance of recycled materials has made it a preferred choice in eco-friendly construction projects. By incorporating DOPP plasticizers, builders and developers can not only

achieve their sustainability goals but also ensure the overall efficiency and effectiveness of their construction projects.

In conclusion, the growing demand for DOPP plasticizers from the construction industry serves as a significant driver for the global DOPP market. As the construction sector continues to evolve and prioritize sustainability, DOPP will continue to play a crucial role in meeting the industry's material needs and driving innovation in construction practices.

Growing Demand of Dioctyl Phenyl Phosphate (DOPP) Plasticizer from Automotive Industry

DOPP plasticizers are widely used in the automotive industry due to their superior properties, which include enhancing flexibility, durability, and workability of various materials. These exceptional properties make DOPP an indispensable component in the manufacturing of a wide range of automotive components, including cables, hoses, seals, gaskets, and interior surfaces.

The expansion of the automotive industry can be attributed to several factors, including continuous technological advancements, growing consumer preference for fuel-efficient and eco-friendly vehicles, and the increased spending capacity of consumers. These factors have collectively contributed to the increased production of automobiles, subsequently driving the demand for DOPP plasticizers.

Moreover, the ongoing trend towards lightweight vehicles for better fuel efficiency has further intensified the need for DOPP. With its remarkable ability to enhance the performance of lightweight materials without compromising their strength and durability, DOPP is increasingly being adopted in the production of lightweight vehicles, making them more efficient and sustainable.

In conclusion, the growing demand for DOPP plasticizers from the automotive industry is a significant driver of the global DOPP market. As the automotive industry continues to evolve, DOPP will undoubtedly continue to play a crucial role in meeting the ever-increasing material needs of the sector.

Key Market Challenges

Volatility in Cost of Raw Materials

The production of DOPP plasticizers involves several key raw materials, such as

phenylphosphonic acid monoethyl ester, along with others that contribute to its formulation. The costs of these raw materials are subject to various influencing factors, including the fluctuation of commodity prices, geopolitical events, disruptions in the supply chain, and evolving environmental regulations.

Fluctuations in the costs of these raw materials directly impact the price of DOPP plasticizers. As the costs of raw materials increase, manufacturers often find themselves compelled to pass on these additional expenses to their customers, resulting in higher prices for DOPP plasticizers. Unfortunately, this increase in prices may potentially pose a challenge to the market's growth, particularly in industries that are sensitive to cost.

In conclusion, it is evident that the volatility in raw material costs represents a significant challenge for the global DOPP plasticizer market. However, through strategic planning and innovation, manufacturers can effectively navigate this issue and ensure the continued growth of the market. By adopting proactive approaches, such as exploring alternative raw materials, optimizing production processes, and strengthening supply chain resilience, manufacturers can mitigate the impact of cost fluctuations and maintain a competitive edge in the market.

Key Market Trends

Growing Demand for Flame Retardant Plastics

The rising demand for flame-retardant plastics in the Global Diethyl Phenyl Phosphonate (DOPP) Plasticizer Market can be attributed to several key factors. DOPP, known for its exceptional flame-retardant properties, is widely utilized as a plasticizer in PVC and other polymers. This increasing demand for flame retardant plastics is expected to drive significant growth in the DOPP market.

Moreover, the global shift towards reducing carbon emissions has fueled the adoption of thermoplastics, further contributing to the demand for flame retardant plastics. This trend aligns perfectly with the broader push for sustainability across industries, making DOPP an attractive and viable option for businesses aiming to lower their environmental impact.

In conclusion, the growing demand for flame-retardant plastics presents a substantial and noteworthy trend in the Global Diethyl Phenyl Phosphonate (DOPP) Plasticizer Market. With the increasing application of these materials across various industries and

the strong emphasis on sustainability, the future of the DOPP market appears promising and offers significant growth opportunities.

Segmental Insights

Grade Insights

Based on the category of grade, the premium grade segment emerged as the dominant player in the global market for Dioctyl Phenyl Phosphate (DOPP) Plasticizer in 2022. One of the primary reasons for the dominance of the premium grade in the DOPP Plasticizer market is the high demand from numerous end-use industries. These industries, such as automotive, construction, and electronics, require high-quality plasticizers for their specialized applications, leading to a strong preference for premium-grade DOPP. The Asia-Pacific region, including China, is expected to take the lead in this demand due to increasing industrialization and the growing need for plasticizers to support rapid infrastructure development and manufacturing activities.

Another significant factor contributing to the premium grade's dominance is its superior performance. The biggest advantage of premium grade DOPP is that it outperforms other plasticizers in terms of performance and stability, even at low temperatures. This property makes it an attractive option for industries that operate in challenging environments or require materials that can withstand extreme conditions, such as automotive parts exposed to fluctuating temperatures or electronic components in harsh climates. The exceptional performance of premium grade DOPP ensures reliability and longevity in various applications, providing manufacturers with the confidence to deliver high-quality products to their customers.

Application Insights

The flexible PVC segment is projected to experience rapid growth during the forecast period. Approximately 85% of the global plasticizers market is consumed in the manufacture of flexible PVC. This high consumption rate is driven by the material's many advantages, such as durability, flexibility, and cost-effectiveness. With its ability to withstand harsh conditions, flexible PVC has become a popular choice in various industries, including construction, automotive, and packaging.

The Asia-Pacific region, including China, is expected to dominate the market due to increasing industrialization and the growing demand for plasticizers. The rapid growth of industries in this region that extensively use flexible PVC, such as construction and

automotive, is driving up the demand for DOPP plasticizer. Additionally, the rise in population and urbanization in these countries has led to the construction of new residential and commercial buildings, further boosting the demand for flexible PVC and plasticizers.

Flexible PVC also shows resilience to discoloration, even when cross-linked by electron irradiation. This property adds to the material's appeal in various applications where aesthetics play a crucial role. Whether it is used in interior design, electrical insulation, or medical devices, the ability of flexible PVC to maintain its color and appearance over time makes it a preferred choice for many manufacturers.

In conclusion, the dominance of flexible PVC in the Global Dioctyl Phenyl Phosphonate (DOPP) Plasticizer Market is due to its widespread use, high consumption rate, growing demand fueled by industrialization, and resilience to discoloration. The versatility and reliability of flexible PVC continue to drive its popularity and contribute to its position as a preferred choice in the plasticizer market.

Regional Insights

Asia Pacific emerged as the dominant player in the Global Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market in 2022, holding the largest market share in terms of both value and volume. The Asia-Pacific region, including China, is currently experiencing a period of rapid industrialization. As the region continues to develop and expand its industries, there has been a significant surge in the demand for plasticizers. These versatile compounds are extensively used in a wide range of sectors, including construction, automotive, and consumer goods. By enhancing the flexibility and durability of materials, plasticizers play a crucial role in the manufacturing process of products such as cables, pipes, coatings, and adhesives.

In 2018, the Asia-Pacific region alone accounted for over 60% of the global plasticizers market, both in terms of value and volume. This dominance is a testament to the region's robust manufacturing sector, which heavily relies on plasticizers to meet the growing demand for various goods. With the continuous growth of industries in the region, the demand for DOPP plasticizers has been on the rise, further fueling the development of the plasticizers market in the Asia-Pacific region.

Key Market Players

BASF SE

Exxon Mobil Corporation

Eastman Chemical Company

Evonik Industries AG

LG Chem Ltd

Kaneka Corporation

UPC Technology Corporation

Nan Ya Plastics Corporation

DIC Corporation

ADEKA CORPORATION

Report Scope:

In this report, the Global Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market, By Grade:

Premium Grade

First Grade

Qualified Grade

Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market, By Application:

Automotive

Flexible PVC

Flooring Surfaces

Gaskets

Pressure Sensitive Adhesives

Others

Diocetyl Phenyl Phosphate (DOPP) Plasticizer Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market.

Available Customizations:

Global Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market report with the given market data, Tech Sci 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, Trends

4. GLOBAL DIOCTYL PHENYL PHOSPHATE (DOPP) PLASTICIZER MARKET OUTLOOK

- 4.1. Market Size & Forecast
 - 4.1.1. By Value & Volume
- 4.2. Market Share & Forecast
 - 4.2.1. By Grade (Premium Grade, First Grade, Qualified Grade)
 - 4.2.2. By Application (Automotive, Flexible PVC, Flooring Surfaces, Gaskets, Pressure Sensitive Adhesives, Others)
 - 4.2.3. By Region
 - 4.2.4. By Company (2022)

4.3. Market Map

4.3.1. By Grade

4.3.2. By Application

4.3.3. By Region

5. ASIA PACIFIC DIOCTYL PHENYL PHOSPHATE (DOPP) PLASTICIZER MARKET OUTLOOK

5.1. Market Size & Forecast

5.1.1. By Value & Volume

5.2. Market Share & Forecast

5.2.1. By Grade

5.2.2. By Application

5.2.3. By Country

5.3. Asia Pacific: Country Analysis

5.3.1. China Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

5.3.1.1. Market Size & Forecast

5.3.1.1.1. By Value & Volume

5.3.1.2. Market Share & Forecast

5.3.1.2.1. By Grade

5.3.1.2.2. By Application

5.3.2. India Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

5.3.2.1. Market Size & Forecast

5.3.2.1.1. By Value & Volume

5.3.2.2. Market Share & Forecast

5.3.2.2.1. By Grade

5.3.2.2.2. By Application

5.3.3. Australia Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

5.3.3.1. Market Size & Forecast

5.3.3.1.1. By Value & Volume

5.3.3.2. Market Share & Forecast

5.3.3.2.1. By Grade

5.3.3.2.2. By Application

5.3.4. Japan Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

5.3.4.1. Market Size & Forecast

5.3.4.1.1. By Value & Volume

5.3.4.2. Market Share & Forecast

5.3.4.2.1. By Grade

5.3.4.2.2. By Application

5.3.5. South Korea Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

5.3.5.1. Market Size & Forecast

5.3.5.1.1. By Value & Volume

5.3.5.2. Market Share & Forecast

5.3.5.2.1. By Grade

5.3.5.2.2. By Application

6. EUROPE DIOCTYL PHENYL PHOSPHATE (DOPP) PLASTICIZER MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value & Volume

6.2. Market Share & Forecast

6.2.1. By Grade

6.2.2. By Application

6.2.3. By Country

6.3. Europe: Country Analysis

6.3.1. France Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value & Volume

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Grade

6.3.1.2.2. By Application

6.3.2. Germany Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value & Volume

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Grade

6.3.2.2.2. By Application

6.3.3. Spain Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value & Volume

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Grade

6.3.3.2.2. By Application

6.3.4. Italy Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

6.3.4.1. Market Size & Forecast

6.3.4.1.1. By Value & Volume

6.3.4.2. Market Share & Forecast

- 6.3.4.2.1. By Grade
- 6.3.4.2.2. By Application
- 6.3.5. United Kingdom Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook
 - 6.3.5.1. Market Size & Forecast
 - 6.3.5.1.1. By Value & Volume
 - 6.3.5.2. Market Share & Forecast
 - 6.3.5.2.1. By Grade
 - 6.3.5.2.2. By Application

7. NORTH AMERICA DIOCTYL PHENYL PHOSPHATE (DOPP) PLASTICIZER MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value & Volume
- 7.2. Market Share & Forecast
 - 7.2.1. By Grade
 - 7.2.2. By Application
 - 7.2.3. By Country
- 7.3. North America: Country Analysis
 - 7.3.1. United States Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value & Volume
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Grade
 - 7.3.1.2.2. By Application
 - 7.3.2. Mexico Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value & Volume
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Grade
 - 7.3.2.2.2. By Application
 - 7.3.3. Canada Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value & Volume
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Grade
 - 7.3.3.2.2. By Application

8. SOUTH AMERICA DIOCTYL PHENYL PHOSPHATE (DOPP) PLASTICIZER

MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value & Volume

8.2. Market Share & Forecast

8.2.1. By Grade

8.2.2. By Application

8.2.3. By Country

8.3. South America: Country Analysis

8.3.1. Brazil Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

8.3.1.1. Market Size & Forecast

8.3.1.1.1. By Value & Volume

8.3.1.2. Market Share & Forecast

8.3.1.2.1. By Grade

8.3.1.2.2. By Application

8.3.2. Argentina Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

8.3.2.1. Market Size & Forecast

8.3.2.1.1. By Value & Volume

8.3.2.2. Market Share & Forecast

8.3.2.2.1. By Grade

8.3.2.2.2. By Application

8.3.3. Colombia Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

8.3.3.1. Market Size & Forecast

8.3.3.1.1. By Value & Volume

8.3.3.2. Market Share & Forecast

8.3.3.2.1. By Grade

8.3.3.2.2. By Application

9. MIDDLE EAST AND AFRICA DIOCTYL PHENYL PHOSPHATE (DOPP) PLASTICIZER MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value & Volume

9.2. Market Share & Forecast

9.2.1. By Grade

9.2.2. By Application

9.2.3. By Country

9.3. MEA: Country Analysis

9.3.1. South Africa Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook

- 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value & Volume
- 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Grade
 - 9.3.1.2.2. By Application
- 9.3.2. Saudi Arabia Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value & Volume
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Grade
 - 9.3.2.2.2. By Application
- 9.3.3. UAE Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value & Volume
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Grade
 - 9.3.3.2.2. By Application
- 9.3.4. Egypt Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market Outlook
 - 9.3.4.1. Market Size & Forecast
 - 9.3.4.1.1. By Value & Volume
 - 9.3.4.2. Market Share & Forecast
 - 9.3.4.2.1. By Grade
 - 9.3.4.2.2. By Application

10. MARKET DYNAMICS

- 10.1. Drivers
- 10.2. Challenges

11. MARKET TRENDS & DEVELOPMENTS

- 11.1. Recent Developments
- 11.2. Product Launches
- 11.3. Mergers & Acquisitions

12. GLOBAL DIOCTYL PHENYL PHOSPHATE (DOPP) PLASTICIZER MARKET: SWOT ANALYSIS

13. PORTER'S 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 Product

14. COMPETITIVE LANDSCAPE

- 14.1. BASF SE
 - 14.1.1. Business Overview
 - 14.1.2. Company Snapshot
 - 14.1.3. Products & Services
 - 14.1.4. Current Capacity Analysis
 - 14.1.5. Financials (In case of listed)
 - 14.1.6. Recent Developments
 - 14.1.7. SWOT Analysis
- 14.2. Exxon Mobil Corporation
- 14.3. Eastman Chemical Company
- 14.4. Evonik Industries AG
- 14.5. LG Chem Ltd
- 14.6. Kaneka Corporation
- 14.7. UPC Technology Corporation
- 14.8. Nan Ya Plastics Corporation
- 14.9. DIC Corporation
- 14.10. ADEKA CORPORATION

15. STRATEGIC RECOMMENDATIONS

16. ABOUT US & DISCLAIMER

I would like to order

Product name: Dioctyl Phenyl Phosphate (DOPP) Plasticizer Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Grade (Premium Grade, First Grade, Qualified Grade), By Application (Automotive, Flexible PVC, Flooring Surfaces, Gaskets, Pressure Sensitive Adhesives, Others), By Region and Competition

Product link: <https://marketpublishers.com/r/DAB1D7D59500EN.html>

Price: US\$ 4,900.00 (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 <https://marketpublishers.com/r/DAB1D7D59500EN.html>

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**

Customer signature _____

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

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