

## **OPDA (o-Phenylenediamine) Market Report and Forecast 2025-2034**

Market Report | 2025-08-13 | 160 pages | EMR Inc.

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### **Report description:**

The global OPDA (o-Phenylenediamine) market is being driven by the growth of its application segments. The OPDA (o-Phenylenediamine) market is expected to witness a moderate growth in the coming years, growing at a CAGR of 4.20% between 2025 and 2034.

China is one of the leading markets for OPDA. The industry in China is being driven by the presence of major players like Nantong Dading Chemical Co., Ltd. and Jiangsu Tianjiayi Chemical Co., Ltd. in the country. Jiangsu Tianjiayi Chemical Co., Ltd. is one of the leading producers of OPDA in China, with a production capacity of 2500 tons per year. However, with the March 21st, 2020 blast at its plant in Chenjiagang Town, Xiangshui County, Yancheng City, Jiangsu Province, which led to the shutdown of the plant, the supply of o-Phenylenediamine (OPDA) is expected to be severely affected in the country during the forecast period.

The supply of OPDA is also dependent upon the availability of its primary feedstock, aniline. With the aniline industry expected to witness a healthy growth in the forecast period of 2025-2034, the OPDA industry is also expected to be propelled forward. The aniline industry is expected to be driven by the rising demand from its application sectors like MDI. MDI is witnessing an increasing demand from its end-use industries like construction and automobile in coatings, sealants, and adhesives applications. The Asia Pacific is one of the leading markets for aniline, with China being a significant market within the region. The rising construction and automotive sectors are driving the aniline industry in China. Being a significant producer and consumer of aniline, the growth of the China aniline market is expected to add to the production growth of o-phenylenediamine (OPDA).

### **Market Segmentation**

o-Phenylenediamine (OPDA), having the chemical formula  $C_6H_4(NH_2)_2$ , is an organic compound and an aromatic diamine, which is soluble in water, alcohol, and ether. It is an intermediate of significant heterocyclic compounds, fungicides, pigments, and corrosion inhibitors.

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## Market Breakup by Application

- Dyes and Pigments
- Pesticides/Fungicides/ Insecticides
- Photography
- Pharmaceuticals
- Others

## Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

## Market Analysis

The global OPDA (o-Phenylenediamine) market is being driven by the growth of the application sectors like dyes and pigments. The industry for dyes and pigments is expected to grow from USD 34.6 billion in 2020 to USD 44.3 billion by 2026, driven by the growing demand from the printing inks and textile sectors. The dyes and pigments industry is also aided by the growth of the Indian market, which accounted for nearly a quarter of the global dyes and pigments industry. The growth of the OPDA (o-Phenylenediamine) is aided by the growth of the Indian dyes and pigments industry with reactive dyes dominating the industry.

The growing global population and increasing industrialisation are adding to the agriculture sector growth. Thus, with the growth of the agriculture industry, pesticides, fungicides, and insecticides are witnessing a growing demand. The rising demand for pesticides, fungicides, and insecticides is also supporting the growth of OPDA (o-Phenylenediamine) market, as OPDA finds significant use in the production of pesticides, fungicides, and insecticides.

## Competitive Landscape

The report by EMR also looks into the following key players in the global OPDA (o-Phenylenediamine) market, covering their competitive landscape, capacities, and latest developments like mergers, acquisitions, and investments, capacity additions, and plant turnarounds:

- DuPont de Nemours, Inc.
- Nantong Dading Chemical Co., Ltd.
- Ambuja Intermediates Pvt Ltd.
- Jiangsu Tianjiayi Chemical Co., Ltd.
- Others

The EMR report looks into the macro and micro aspects of the OPDA (o-Phenylenediamine) market. The comprehensive report gives a detailed overview of the industry, covering the application and regional markets of the product for the historical (2018-2024) and forecast (2025-2034) periods. An overview of the feedstock industry has also been provided within the report. It also offers a detailed regional price analysis of OPDA for the (2018-2024) and (2025-2034) periods. It gives an in-depth look into the trade data, covering the value and volume of the major exporting and importing countries of OPDA and its feedstock. The report provides a thorough assessment of the industry based on the Porter's Five Forces model. A SWOT analysis of the industry

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has also been provided within the report.

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