

Global Dess-Martin Oxidation Market Growth 2026-2032

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Abstracts

The global Dess-Martin Oxidation market size is predicted to grow from US\$ 12.62 million in 2025 to US\$ 18.70 million in 2032; it is expected to grow at a CAGR of 5.8% from 2026 to 2032.

In 2025, the global production of Dess-Martin oxidant was approximately 25 tons, with an average selling price of around US\$516 per kilogram. The scale of single-line production capacity varies depending on the production process and investment scale, with an average gross profit margin of approximately 25-35%. Dess-Martin oxidant is a mild and efficient organic oxidizing agent, primarily used to oxidize primary alcohols to aldehydes and secondary alcohols to ketones. It has minimal impact on other sensitive functional groups, reacts under mild conditions (room temperature and neutral pH), and requires simple post-reaction processing, making it a very important reagent in modern organic synthesis.

The upstream core raw materials for Dess-Martin oxidant mainly include 2-iodobenzoic acid, palladium acetate, potassium persulfate, and organic acids and acylating agents such as trifluoroacetic acid and acetic anhydride. The supply and price of these basic chemical raw materials directly affect its production. Downstream, it primarily serves the pharmaceutical research and manufacturing industry, used for the highly selective oxidation of hydroxyl groups in the synthesis of complex drug molecules. It also has important applications in the preparation of advanced electronic chemicals and in organic synthesis research at academic and research institutions, making it a key synthetic building block for high-value-added fine chemicals.

United States market for Dess-Martin Oxidation is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Dess-Martin Oxidation is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Dess-Martin Oxidation is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Dess-Martin Oxidation players cover Merck, TCI Chemical, Alfa Aesar, Jiangsu Yutian Pharmaceutical, Herd Chemical (Suzhou), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the “Dess-Martin Oxidation Industry Forecast” looks at past sales and reviews total world Dess-Martin Oxidation sales in 2025, providing a comprehensive analysis by region and market sector of projected Dess-Martin Oxidation sales for 2026 through 2032. With Dess-Martin Oxidation sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Dess-Martin Oxidation industry.

This Insight Report provides a comprehensive analysis of the global Dess-Martin Oxidation landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Dess-Martin Oxidation portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Dess-Martin Oxidation market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Dess-Martin Oxidation and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Dess-Martin Oxidation.

This report presents a comprehensive overview, market shares, and growth opportunities of Dess-Martin Oxidation market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Fine Powder

Granular

Segmentation by Purity:

Purity

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