

Global 3-Methyl-d-Valerolactone (3MdVL) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global 3-Methyl-d-Valerolactone (3MdVL) market size was valued at US\$ 0.6 million in 2024 and is forecast to a readjusted size of USD 45.8 million by 2031 with a CAGR of 92.3% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

3-Methyl-d-Valerolactone (3MdVL) is a new molecule, as a biobased polyol component, which can be used not only as a product improver for polyesters and polyurethanes, but also can be linked with other bio-based molecules like PLA to produce very versatile and tunable co-block polymers. These block polymers have a very wide range of applications ranging from very strong elastomers (for shoe soles for example) to very rigid engineering plastics can be used in the automotive industry for example.

Mevaldi produces 3MdVL at pilot plant scale since 2024.

With increasing awareness of sustainability and environmental concerns, there is a significant push towards the development of bio-based chemicals. 3MdVL, being derived from renewable resources, fits well into this trend, particularly in applications requiring sustainable solutions.

This report is a detailed and comprehensive analysis for global 3-Methyl-d-Valerolactone (3MdVL) market. Both quantitative and qualitative analyses are presented

by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global 3-Methyl-d-Valerolactone (3MdVL) market size and forecasts, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/g), 2020-2031

Global 3-Methyl-d-Valerolactone (3MdVL) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/g), 2020-2031

Global 3-Methyl-d-Valerolactone (3MdVL) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (kg), and average selling prices (US\$/g), 2020-2031

Global 3-Methyl-d-Valerolactone (3MdVL) market shares of main players, shipments in revenue (\$ Million), sales quantity (kg), and ASP (US\$/g), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for 3-Methyl-d-Valerolactone (3MdVL)
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global 3-Methyl-d-Valerolactone (3MdVL) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mevaldi, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

3-Methyl-d-Valerolactone (3MdVL) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

?95%

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