

The 1,2-Pentanediol Market Research Report By Application (Cosmetics and Personal Care, Pharmaceuticals, Plastics and Paints, Food Additives, Solvents), By Purity (99.5%, 99.8%, 99.9%), By Form (Liquid, Powder), By Grade (Industrial Grade, Food Grade, Pharmaceutical Grade) and By Regional (North America, Europe, South America, Asia Pacific, Middle East and Africa) Forecast to 2035

Market Report | 2025-11-12 | 111 pages | Market Research Future

AVAILABLE LICENSES:

- Single User Price \$4950.00
- Enterprisewide Price \$7250.00

Report description:

The 1,2-Pentanediol Market is projected to reach USD 1,116.48 billion by 2035, growing at a CAGR of 7.06% during the forecast period. The segment with 99.9% purity still dominates the market. A purity level of 99.5% is gaining popularity due to the increasing demand for environmentally friendly products.

Pharmaceutical Applications Driving Growth

The 1,2-Pentanediol market is growing as it is used for improving drug formulations. The demand is increasing due to the rise of therapeutic innovation.

Market Segmentations Overview

By Application

- Cosmetics and Personal Care: Used in skincare and hair products.
- Pharmaceuticals: Acts as a solvent and stabilizer in drugs.
- Plastics and Paints: Enhances flexibility and chemical resistance.
- Food Additives: Improves flavor, texture, and preservation.
- Solvents: Used for dissolving chemicals and formulations.

By Purity

- 99.5%: Eco-friendly, gaining popularity in various uses.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 99.8%: Standard purity for industrial and pharmaceutical use.
- 99.9%: Premium grade, dominates the market.

By Form

- Liquid: Easy to blend in formulations.
- Powder: Suitable for solid and dry applications.

By Grade

- Industrial Grade: Used in manufacturing and large-scale applications.
- Food Grade: Safe for consumption and food processing.
- Pharmaceutical Grade: Meets strict drug formulation standards.

Regional Analysis

North America and Europe are the leading regions for the 1,2-Pentanediol market, which is mostly driven by the demand for cosmetics and sustainability. At the same time, the Asia-Pacific region is witnessing rapid growth, and the Middle East & Africa are coming up with increasing production and innovation.

Market Overview and Strategic Edge

The 1,2-Pentanediol market is booming with a wide range of applications in cosmetics, pharmaceuticals, and eco-friendly products. Innovation and regulatory compliance are the two main values that help with efficiency and create a competitive edge.

Key Report Attributes

- Market Size 2024: USD 527.06 Billion
- Market Size 2035: USD 1116.48 Billion
- CAGR (2025-2035): 7.06%
- Base Year: 2025
- Market Forecast Period: 2025-2035

Industry Segmentations Growth

- By Application: Cosmetics and Personal Care, Pharmaceuticals, Plastics and Paints, Food Additives, Solvents.
- By Purity: 99.5%, 99.8%, 99.9%.
- By Form: Liquid, Powder.
- By Grade: Industrial Grade, Food Grade, Pharmaceutical Grade.

Table of Contents:

TABLE OF CONTENTS

1 SECTION I: EXECUTIVE SUMMARY AND KEY HIGHLIGHTS

1.1 EXECUTIVE SUMMARY

1.1.1 MARKET OVERVIEW

1.1.2 KEY FINDINGS

1.1.3 MARKET SEGMENTATION

1.1.4 COMPETITIVE LANDSCAPE

1.1.5 CHALLENGES AND OPPORTUNITIES

1.1.6 FUTURE OUTLOOK

2 SECTION II: SCOPING, METHODOLOGY AND MARKET STRUCTURE

2.1 MARKET INTRODUCTION

2.1.1 DEFINITION

2.1.2 SCOPE OF THE STUDY

2.1.2.1 RESEARCH OBJECTIVE

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 2.1.2.2 ASSUMPTION
- 2.1.2.3 LIMITATIONS
- 2.2 RESEARCH METHODOLOGY
 - 2.2.1 OVERVIEW
 - 2.2.2 DATA MINING
 - 2.2.3 SECONDARY RESEARCH
 - 2.2.4 PRIMARY RESEARCH
 - 2.2.4.1 PRIMARY INTERVIEWS AND INFORMATION GATHERING PROCESS
 - 2.2.4.2 BREAKDOWN OF PRIMARY RESPONDENTS
 - 2.2.5 FORECASTING MODEL
 - 2.2.6 MARKET SIZE ESTIMATION
 - 2.2.6.1 BOTTOM-UP APPROACH
 - 2.2.6.2 TOP-DOWN APPROACH
 - 2.2.7 DATA TRIANGULATION
 - 2.2.8 VALIDATION
- 3 SECTION III: QUALITATIVE ANALYSIS
 - 3.1 MARKET DYNAMICS
 - 3.1.1 OVERVIEW
 - 3.1.2 DRIVERS
 - 3.1.3 RESTRAINTS
 - 3.1.4 OPPORTUNITIES
 - 3.2 MARKET FACTOR ANALYSIS
 - 3.2.1 VALUE CHAIN ANALYSIS
 - 3.2.2 PORTER'S FIVE FORCES ANALYSIS
 - 3.2.2.1 BARGAINING POWER OF SUPPLIERS
 - 3.2.2.2 BARGAINING POWER OF BUYERS
 - 3.2.2.3 THREAT OF NEW ENTRANTS
 - 3.2.2.4 THREAT OF SUBSTITUTES
 - 3.2.2.5 INTENSITY OF RIVALRY
 - 3.2.3 COVID-19 IMPACT ANALYSIS
 - 3.2.3.1 MARKET IMPACT ANALYSIS
 - 3.2.3.2 REGIONAL IMPACT
 - 3.2.3.3 OPPORTUNITY AND THREAT ANALYSIS
- 4 SECTION IV: QUANTITATIVE ANALYSIS
 - 4.1 CHEMICALS AND MATERIALS, BY APPLICATION (USD BILLION)
 - 4.1.1 COSMETICS AND PERSONAL CARE
 - 4.1.2 PHARMACEUTICALS
 - 4.1.3 PLASTICS AND PAINTS
 - 4.1.4 FOOD ADDITIVES
 - 4.1.5 SOLVENTS
 - 4.2 CHEMICALS AND MATERIALS, BY PURITY (USD BILLION)
 - 4.2.1 99.5%
 - 4.2.2 99.8%
 - 4.2.3 99.9%
 - 4.3 CHEMICALS AND MATERIALS, BY FORM (USD BILLION)
 - 4.3.1 LIQUID
 - 4.3.2 POWDER

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

4.4 CHEMICALS AND MATERIALS, BY GRADE (USD BILLION)

4.4.1 INDUSTRIAL GRADE

4.4.2 FOOD GRADE

4.4.3 PHARMACEUTICAL GRADE

4.5 CHEMICALS AND MATERIALS, BY REGION (USD BILLION)

4.5.1 NORTH AMERICA

4.5.1.1 US

4.5.1.2 CANADA

4.5.2 EUROPE

4.5.2.1 GERMANY

4.5.2.2 UK

4.5.2.3 FRANCE

4.5.2.4 RUSSIA

4.5.2.5 ITALY

4.5.2.6 SPAIN

4.5.2.7 REST OF EUROPE

4.5.3 APAC

4.5.3.1 CHINA

4.5.3.2 INDIA

4.5.3.3 JAPAN

4.5.3.4 SOUTH KOREA

4.5.3.5 MALAYSIA

4.5.3.6 THAILAND

4.5.3.7 INDONESIA

4.5.3.8 REST OF APAC

4.5.4 SOUTH AMERICA

4.5.4.1 BRAZIL

4.5.4.2 MEXICO

4.5.4.3 ARGENTINA

4.5.4.4 REST OF SOUTH AMERICA

4.5.5 MEA

4.5.5.1 GCC COUNTRIES

4.5.5.2 SOUTH AFRICA

4.5.5.3 REST OF MEA

5 SECTION V: COMPETITIVE ANALYSIS

5.1 COMPETITIVE LANDSCAPE

5.1.1 OVERVIEW

5.1.2 COMPETITIVE ANALYSIS

5.1.3 MARKET SHARE ANALYSIS

5.1.4 MAJOR GROWTH STRATEGY IN THE CHEMICALS AND MATERIALS

5.1.5 COMPETITIVE BENCHMARKING

5.1.6 LEADING PLAYERS IN TERMS OF NUMBER OF DEVELOPMENTS IN THE CHEMICALS AND MATERIALS

5.1.7 KEY DEVELOPMENTS AND GROWTH STRATEGIES

5.1.7.1 NEW PRODUCT LAUNCH/SERVICE DEPLOYMENT

5.1.7.2 MERGER & ACQUISITIONS

5.1.7.3 JOINT VENTURES

5.1.8 MAJOR PLAYERS FINANCIAL MATRIX

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.1.8.1 SALES AND OPERATING INCOME
- 5.1.8.2 MAJOR PLAYERS R&D EXPENDITURE. 2023
- 5.2 COMPANY PROFILES
 - 5.2.1 BASF SE (DE)
 - 5.2.1.1 FINANCIAL OVERVIEW
 - 5.2.1.2 PRODUCTS OFFERED
 - 5.2.1.3 KEY DEVELOPMENTS
 - 5.2.1.4 SWOT ANALYSIS
 - 5.2.1.5 KEY STRATEGIES
 - 5.2.2 HUNTSMAN CORPORATION (US)
 - 5.2.2.1 FINANCIAL OVERVIEW
 - 5.2.2.2 PRODUCTS OFFERED
 - 5.2.2.3 KEY DEVELOPMENTS
 - 5.2.2.4 SWOT ANALYSIS
 - 5.2.2.5 KEY STRATEGIES
 - 5.2.3 MITSUBISHI CHEMICAL CORPORATION (JP)
 - 5.2.3.1 FINANCIAL OVERVIEW
 - 5.2.3.2 PRODUCTS OFFERED
 - 5.2.3.3 KEY DEVELOPMENTS
 - 5.2.3.4 SWOT ANALYSIS
 - 5.2.3.5 KEY STRATEGIES
 - 5.2.4 SABIC (SA)
 - 5.2.4.1 FINANCIAL OVERVIEW
 - 5.2.4.2 PRODUCTS OFFERED
 - 5.2.4.3 KEY DEVELOPMENTS
 - 5.2.4.4 SWOT ANALYSIS
 - 5.2.4.5 KEY STRATEGIES
 - 5.2.5 EASTMAN CHEMICAL COMPANY (US)
 - 5.2.5.1 FINANCIAL OVERVIEW
 - 5.2.5.2 PRODUCTS OFFERED
 - 5.2.5.3 KEY DEVELOPMENTS
 - 5.2.5.4 SWOT ANALYSIS
 - 5.2.5.5 KEY STRATEGIES
 - 5.2.6 OXEA GMBH (DE)
 - 5.2.6.1 FINANCIAL OVERVIEW
 - 5.2.6.2 PRODUCTS OFFERED
 - 5.2.6.3 KEY DEVELOPMENTS
 - 5.2.6.4 SWOT ANALYSIS
 - 5.2.6.5 KEY STRATEGIES
 - 5.2.7 KRATON CORPORATION (US)
 - 5.2.7.1 FINANCIAL OVERVIEW
 - 5.2.7.2 PRODUCTS OFFERED
 - 5.2.7.3 KEY DEVELOPMENTS
 - 5.2.7.4 SWOT ANALYSIS
 - 5.2.7.5 KEY STRATEGIES
 - 5.2.8 SOLVAY S.A. (BE)
 - 5.2.8.1 FINANCIAL OVERVIEW

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

5.2.8.2 PRODUCTS OFFERED
5.2.8.3 KEY DEVELOPMENTS
5.2.8.4 SWOT ANALYSIS
5.2.8.5 KEY STRATEGIES
5.2.9 DOW INC. (US)
5.2.9.1 FINANCIAL OVERVIEW
5.2.9.2 PRODUCTS OFFERED
5.2.9.3 KEY DEVELOPMENTS
5.2.9.4 SWOT ANALYSIS
5.2.9.5 KEY STRATEGIES
5.3 APPENDIX
5.3.1 REFERENCES
5.3.2 RELATED REPORTS

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

The 1 2 Pentanediol Market Research Report By Application (Cosmetics and Personal Care, Pharmaceuticals, Plastics and Paints, Food Additives, Solvents), By Purity (99.5%, 99.8%, 99.9%), By Form (Liquid, Powder), By Grade (Industrial Grade, Food Grade, Pharmaceutical Grade) and By Regional (North America, Europe, South America, Asia Pacific, Middle East and Africa) Forecast to 2035

Market Report | 2025-11-12 | 111 pages | Market Research Future

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User Price	\$4950.00
	Enterprisewide Price	\$7250.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-03-02

Signature

A large, empty rectangular box intended for a signature.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com