

# Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Research Report 2025(Status and Outlook)

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## Abstracts

### Report Overview

Tri(Propylene Glycol) Butyl Ether (TPNB) is a high-performance glycol ether solvent characterized by its low volatility, strong solvency, and excellent coupling properties. It is widely used in industrial and consumer applications such as paints, coatings, cleaning agents, and inks, where it enhances formulation stability, viscosity control, and surface wetting. TPNB is favored for its balanced evaporation rate and low toxicity compared to alternative solvents, making it suitable for both water-based and solvent-based systems. Its chemical structure?combining propylene glycol and butyl ether groups?provides effective solubility for resins, oils, and other organic compounds while maintaining good compatibility with a range of additives. Regulatory compliance and environmental considerations further drive its adoption in industries seeking safer, high-performance solvent solutions.

The global TPNB market is experiencing steady growth, driven by increasing demand from the paints and coatings sector, particularly in construction and automotive industries. Asia-Pacific dominates the market due to rapid industrialization, infrastructure development, and expanding manufacturing activities in countries like China and India. North America and Europe follow closely, with stringent environmental regulations pushing the adoption of low-VOC (volatile organic compound) solvents like TPNB. Key players are investing in R&D to enhance product efficiency and expand applications in niche segments such as electronics cleaning and agrochemical formulations. However, fluctuating raw material costs and competition from bio-based alternatives pose challenges. Overall, the market is projected to grow at a moderate CAGR, supported by sustainable industrial trends and technological advancements in solvent formulations.

This report provides a deep insight into the global Tri(Propylene Glycol) Butyl Ether (TPNB) market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Tri(Propylene Glycol) Butyl Ether (TPNB) market in any manner.

### Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

#### **Key Company**

Dow

Yida Chemical

SmartChemical Industrial

#### **Market Segmentation (by Type)**

Purity ? 98%

Purity ? 99%

#### **Market Segmentation (by Application)**

Coating  
Ink  
Cleaner  
Pesticide  
Other

### **Geographic Segmentation**

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Tri(Propylene Glycol) Butyl Ether (TPNB) Market

Overview of the regional outlook of the Tri(Propylene Glycol) Butyl Ether (TPNB) Market:

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

### **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Tri(Propylene Glycol) Butyl Ether (TPNB) Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Tri(Propylene Glycol) Butyl Ether (TPNB), their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

**Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

**Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Tri(Propylene Glycol) Butyl Ether (TPNB)
- 1.2 Key Market Segments
  - 1.2.1 Tri(Propylene Glycol) Butyl Ether (TPNB) Segment by Type
  - 1.2.2 Tri(Propylene Glycol) Butyl Ether (TPNB) Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size (M USD) Estimates and Forecasts (2020-2033)
  - 2.1.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Estimates and Forecasts (2020-2033)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Product Life Cycle
- 3.3 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Manufacturers (2020-2025)
- 3.4 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

### 3.8 Tri(Propylene Glycol) Butyl Ether (TPNB) Market Competitive Situation and Trends

#### 3.8.1 Tri(Propylene Glycol) Butyl Ether (TPNB) Market Concentration Rate

#### 3.8.2 Global 5 and 10 Largest Tri(Propylene Glycol) Butyl Ether (TPNB) Players

#### Market Share by Revenue

#### 3.8.3 Mergers & Acquisitions, Expansion

## **4 TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) INDUSTRY CHAIN ANALYSIS**

### 4.1 Tri(Propylene Glycol) Butyl Ether (TPNB) Industry Chain Analysis

### 4.2 Market Overview of Key Raw Materials

### 4.3 Midstream Market Analysis

### 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) MARKET**

### 5.1 Key Development Trends

### 5.2 Driving Factors

### 5.3 Market Challenges

### 5.4 Industry News

#### 5.4.1 New Product Developments

#### 5.4.2 Mergers & Acquisitions

#### 5.4.3 Expansions

#### 5.4.4 Collaboration/Supply Contracts

### 5.5 PEST Analysis

#### 5.5.1 Industry Policies Analysis

#### 5.5.2 Economic Environment Analysis

#### 5.5.3 Social Environment Analysis

#### 5.5.4 Technological Environment Analysis

### 5.6 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Porter's Five Forces Analysis

#### 5.6.1 Global Trade Frictions

#### 5.6.2 U.S. Tariff Policy ? April 2025

#### 5.6.3 Global Trade Frictions and Their Impacts to Tri(Propylene Glycol) Butyl Ether (TPNB) Market

### 5.7 ESG Ratings of Leading Companies

## **6 TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Type (2020-2025)
- 6.3 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market Share by Type (2020-2025)
- 6.4 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Price by Type (2020-2025)

## **7 TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Sales by Application (2020-2025)
- 7.3 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size (M USD) by Application (2020-2025)
- 7.4 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Growth Rate by Application (2020-2025)

## **8 TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) MARKET SALES BY REGION**

- 8.1 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Region
  - 8.1.1 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Region
  - 8.1.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Region
- 8.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Region
  - 8.2.1 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Region
  - 8.2.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market Share by Region
- 8.3 North America
  - 8.3.1 North America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Country
  - 8.3.2 North America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Country
  - 8.3.3 U.S. Market Overview
  - 8.3.4 Canada Market Overview
  - 8.3.5 Mexico Market Overview
- 8.4 Europe
  - 8.4.1 Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Country
  - 8.4.2 Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Country
  - 8.4.3 Germany Market Overview
  - 8.4.4 France Market Overview

- 8.4.5 U.K. Market Overview
- 8.4.6 Italy Market Overview
- 8.4.7 Spain Market Overview
- 8.5 Asia Pacific
  - 8.5.1 Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Region
  - 8.5.2 Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Region
  - 8.5.3 China Market Overview
  - 8.5.4 Japan Market Overview
  - 8.5.5 South Korea Market Overview
  - 8.5.6 India Market Overview
  - 8.5.7 Southeast Asia Market Overview
- 8.6 South America
  - 8.6.1 South America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Country
  - 8.6.2 South America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Country
  - 8.6.3 Brazil Market Overview
  - 8.6.4 Argentina Market Overview
  - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
  - 8.7.1 Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Region
  - 8.7.2 Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Region
  - 8.7.3 Saudi Arabia Market Overview
  - 8.7.4 UAE Market Overview
  - 8.7.5 Egypt Market Overview
  - 8.7.6 Nigeria Market Overview
  - 8.7.7 South Africa Market Overview

## **9 TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Tri(Propylene Glycol) Butyl Ether (TPNB) by Region(2020-2025)
- 9.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Revenue Market Share by Region (2020-2025)
- 9.3 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Tri(Propylene Glycol) Butyl Ether (TPNB) Production
  - 9.4.1 North America Tri(Propylene Glycol) Butyl Ether (TPNB) Production Growth Rate

(2020-2025)

9.4.2 North America Tri(Propylene Glycol) Butyl Ether (TPNB) Production, Revenue, Price and Gross Margin (2020-2025)

9.5 Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Production

9.5.1 Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Production Growth Rate (2020-2025)

9.5.2 Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Production, Revenue, Price and Gross Margin (2020-2025)

9.6 Japan Tri(Propylene Glycol) Butyl Ether (TPNB) Production (2020-2025)

9.6.1 Japan Tri(Propylene Glycol) Butyl Ether (TPNB) Production Growth Rate (2020-2025)

9.6.2 Japan Tri(Propylene Glycol) Butyl Ether (TPNB) Production, Revenue, Price and Gross Margin (2020-2025)

9.7 China Tri(Propylene Glycol) Butyl Ether (TPNB) Production (2020-2025)

9.7.1 China Tri(Propylene Glycol) Butyl Ether (TPNB) Production Growth Rate (2020-2025)

9.7.2 China Tri(Propylene Glycol) Butyl Ether (TPNB) Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

10.1 Dow

10.1.1 Dow Basic Information

10.1.2 Dow Tri(Propylene Glycol) Butyl Ether (TPNB) Product Overview

10.1.3 Dow Tri(Propylene Glycol) Butyl Ether (TPNB) Product Market Performance

10.1.4 Dow Business Overview

10.1.5 Dow SWOT Analysis

10.1.6 Dow Recent Developments

10.2 Yida Chemical

10.2.1 Yida Chemical Basic Information

10.2.2 Yida Chemical Tri(Propylene Glycol) Butyl Ether (TPNB) Product Overview

10.2.3 Yida Chemical Tri(Propylene Glycol) Butyl Ether (TPNB) Product Market Performance

10.2.4 Yida Chemical Business Overview

10.2.5 Yida Chemical SWOT Analysis

10.2.6 Yida Chemical Recent Developments

10.3 SmartChemical Industrial

10.3.1 SmartChemical Industrial Basic Information

10.3.2 SmartChemical Industrial Tri(Propylene Glycol) Butyl Ether (TPNB) Product

## Overview

10.3.3 SmartChemical Industrial Tri(Propylene Glycol) Butyl Ether (TPNB) Product

## Market Performance

10.3.4 SmartChemical Industrial Business Overview

10.3.5 SmartChemical Industrial SWOT Analysis

10.3.6 SmartChemical Industrial Recent Developments

## **11 TRI(PROPYLENE GLYCOL) BUTYL ETHER (TPNB) MARKET FORECAST BY REGION**

11.1 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast

11.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Country

11.2.3 Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Region

11.2.4 South America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Tri(Propylene Glycol) Butyl Ether (TPNB) by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)**

12.1 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of Tri(Propylene Glycol) Butyl Ether (TPNB) by Type (2026-2033)

12.1.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of Tri(Propylene Glycol) Butyl Ether (TPNB) by Type (2026-2033)

12.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Forecast by Application (2026-2033)

12.2.1 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT) Forecast by Application

12.2.2 Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size (M USD) Forecast by Application (2026-2033)

## 13 CONCLUSION AND KEY FINDINGS

## List Of Tables

### LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Comparison by Region (M USD)
- Table 5. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT) by Manufacturers (2020-2025)
- Table 6. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Manufacturers (2020-2025)
- Table 7. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Revenue (M USD) by Manufacturers (2020-2025)
- Table 8. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Revenue Share by Manufacturers (2020-2025)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Tri(Propylene Glycol) Butyl Ether (TPNB) as of 2024)
- Table 10. Global Market Tri(Propylene Glycol) Butyl Ether (TPNB) Average Price (USD/KG) of Key Manufacturers (2020-2025)
- Table 11. Manufacturers? Manufacturing Sites, Areas Served
- Table 12. Manufacturers? Product Type
- Table 13. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Market Overview of Key Raw Materials
- Table 16. Midstream Market Analysis
- Table 17. Downstream Customer Analysis
- Table 18. Key Development Trends
- Table 19. Driving Factors
- Table 20. Tri(Propylene Glycol) Butyl Ether (TPNB) Market Challenges
- Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026
- Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027
- Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026
- Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries
- Table 25. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Type (K MT)
- Table 26. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Type (M

USD)

Table 27. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT) by Type (2020-2025)

Table 28. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Type (2020-2025)

Table 29. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size (M USD) by Type (2020-2025)

Table 30. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Share by Type (2020-2025)

Table 31. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Price (USD/KG) by Type (2020-2025)

Table 32. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT) by Application

Table 33. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Application

Table 34. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Application (2020-2025) & (K MT)

Table 35. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Application (2020-2025)

Table 36. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Application (2020-2025) & (M USD)

Table 37. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share by Application (2020-2025)

Table 38. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Growth Rate by Application (2020-2025)

Table 39. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Region (2020-2025) & (K MT)

Table 40. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Region (2020-2025)

Table 41. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Region (2020-2025) & (M USD)

Table 42. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market Share by Region (2020-2025)

Table 43. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Country (2020-2025) & (K MT)

Table 44. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Country (2020-2025) & (M USD)

Table 45. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Country (2020-2025) & (K MT)

Table 46. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Country (2020-2025) & (M USD)

Table 47. Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Region (2020-2025) & (K MT)

Table 48. Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Region (2020-2025) & (M USD)

Table 49. South America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Country (2020-2025) & (K MT)

Table 50. South America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Country (2020-2025) & (M USD)

Table 51. Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Sales by Region (2020-2025) & (K MT)

Table 52. Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Region (2020-2025) & (M USD)

Table 53. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT) by Region(2020-2025)

Table 54. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Revenue Market Share by Region (2020-2025)

Table 56. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 57. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Japan Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. China Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. Dow Basic Information

Table 62. Dow Tri(Propylene Glycol) Butyl Ether (TPNB) Product Overview

Table 63. Dow Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 64. Dow Business Overview

Table 65. Dow SWOT Analysis

Table 66. Dow Recent Developments

Table 67. Yida Chemical Basic Information

Table 68. Yida Chemical Tri(Propylene Glycol) Butyl Ether (TPNB) Product Overview

Table 69. Yida Chemical Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

- Table 70. Yida Chemical Business Overview
- Table 71. Yida Chemical SWOT Analysis
- Table 72. Yida Chemical Recent Developments
- Table 73. SmartChemical Industrial Basic Information
- Table 74. SmartChemical Industrial Tri(Propylene Glycol) Butyl Ether (TPNB) Product Overview
- Table 75. SmartChemical Industrial Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
- Table 76. SmartChemical Industrial Business Overview
- Table 77. SmartChemical Industrial SWOT Analysis
- Table 78. SmartChemical Industrial Recent Developments
- Table 79. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Region (2026-2033) & (K MT)
- Table 80. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Region (2026-2033) & (M USD)
- Table 81. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Country (2026-2033) & (K MT)
- Table 82. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Country (2026-2033) & (M USD)
- Table 83. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Country (2026-2033) & (K MT)
- Table 84. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Country (2026-2033) & (M USD)
- Table 85. Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Region (2026-2033) & (K MT)
- Table 86. Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Region (2026-2033) & (M USD)
- Table 87. South America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Country (2026-2033) & (K MT)
- Table 88. South America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Country (2026-2033) & (M USD)
- Table 89. Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Country (2026-2033) & (Units)
- Table 90. Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Country (2026-2033) & (M USD)
- Table 91. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Type (2026-2033) & (K MT)
- Table 92. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Type (2026-2033) & (M USD)

Table 93. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Price Forecast by Type (2026-2033) & (USD/KG)

Table 94. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT) Forecast by Application (2026-2033)

Table 95. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Application (2026-2033) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Tri(Propylene Glycol) Butyl Ether (TPNB)
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size (M USD), 2024-2033
- Figure 5. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size (M USD) (2020-2033)
- Figure 6. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Product Life Cycle
- Figure 13. Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Share by Manufacturers in 2024
- Figure 14. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Revenue Share by Manufacturers in 2024
- Figure 15. Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Tri(Propylene Glycol) Butyl Ether (TPNB) Average Price (USD/KG) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Tri(Propylene Glycol) Butyl Ether (TPNB) Revenue in 2024
- Figure 18. Industry Chain Map of Tri(Propylene Glycol) Butyl Ether (TPNB)
- Figure 19. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market PEST Analysis
- Figure 20. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share by Type
- Figure 27. Sales Market Share of Tri(Propylene Glycol) Butyl Ether (TPNB) by Type

(2020-2025)

Figure 28. Sales Market Share of Tri(Propylene Glycol) Butyl Ether (TPNB) by Type in 2024

Figure 29. Market Size Share of Tri(Propylene Glycol) Butyl Ether (TPNB) by Type (2020-2025)

Figure 30. Market Size Share of Tri(Propylene Glycol) Butyl Ether (TPNB) by Type in 2024

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share by Application

Figure 33. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Application (2020-2025)

Figure 34. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Application in 2024

Figure 35. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share by Application (2020-2025)

Figure 36. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share by Application in 2024

Figure 37. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Growth Rate by Application (2020-2025)

Figure 38. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Region (2020-2025)

Figure 39. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market Share by Region (2020-2025)

Figure 40. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Country in 2024

Figure 43. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market Share by Country in 2024

Figure 45. U.S. Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Tri(Propylene Glycol) Butyl Ether (TPNB) Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Country in 2024

Figure 53. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market Share by Country in 2024

Figure 55. Germany Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Region in 2024

Figure 67. Asia Pacific Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market

## Share by Region in 2024

Figure 68. China Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 73. South Korea Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (K MT)

Figure 79. South America Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Country in 2024

Figure 80. South America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (M USD)

Figure 81. South America Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market Share by Country in 2024

Figure 82. Brazil Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 93. Saudi Arabia Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Production Market Share by Region (2020-2025)

Figure 103. North America Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT) Growth Rate (2020-2025)

Figure 106. China Tri(Propylene Glycol) Butyl Ether (TPNB) Production (K MT) Growth

Rate (2020-2025)

Figure 107. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Volume (2020-2033) & (K MT)

Figure 108. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share Forecast by Type (2026-2033)

Figure 111. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Sales Forecast by Application (2026-2033)

Figure 112. Global Tri(Propylene Glycol) Butyl Ether (TPNB) Market Share Forecast by Application (2026-2033)

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