

# **N-Butanol Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Grade (Industrial Grade v/s Pharmaceutical Grade), By Application (Butyl Acetate, Butyl Acrylate, Glycol Ethers, Direct Solvent, Plasticizers, and Others), By Region and Competition**

<https://marketpublishers.com/r/N3FCC017464EEN.html>

Date: June 2023

Pages: 114

Price: US\$ 4,900.00 (Single User License)

ID: N3FCC017464EEN

## **Abstracts**

Global N-butanol market is anticipated to increase at an impressive rate through 2028. N-Butanol is an alcohol manufactured by processing petrochemical or fermentation of sugars obtained from corn and is also known as 1 butanol or butyl alcohol. It is a primary alcohol having a colorless liquid of standard volatility and fruit-like odor. Due to its characteristic, n-Butanol is used as a raw material for paint and coating resins; butyl carboxylates such as butyl acrylate, butyl acetate, and glycol ethers.

Growing demand for N-butanol from various end-user industries such as paints & coatings, chemical and petrochemical, textile, agriculture, building & construction, pharmaceutical, and personal care for their application is expected to drive the growth of global N-butanol market. Apart from these, the growing use of N-butanol as raw materials in different products like fuels, green buildings, and others further increases the demand for N-butanol, thereby driving the market growth. According to reports, butyl alcohol was the world's 2563rd most traded product worldwide in 2020, which holds 0.003% of world trade. Furthermore, government policies over trade, such as free trade agreements, bilateral agreements, and regional group trade agreements, promote the import and export of raw materials that propel market growth. Thus, it is expected that the global n-Butanol market is going to rise in the projected year.

Rising Demand from Pharmaceutical Sector is Driving the Market Growth

Growing demand for the applications of butyl alcohol, such as butyl acrylate and glycol ethers, is expected to propel the demand for n-Butanol. Butyl acrylates are widely used in pharmaceutical grade for artificial eyes, dentures, and surgical prostheses. Owing to its characteristics, it is commonly used in manufacturing pharmaceuticals, in microscopy for preparing paraffin embedding materials, and in veterinary medicine as a bactericide. According to studies, 15 % of total deaths in lower-middle-income countries happen because of inadequate quality treatment and medical care. Hence, to improve the healthcare situation, the demand for different medical and surgical products is going to upsurge as government efforts increase to improve the situation. Therefore, it is expected that the demand for n-Butanol is going to rise in the forecast period of 2028.

### Growing Demand for Industrial Applications is Going to Propel the Market Growth

N-Butanol is primarily used as an industrial intermediary that is used to make different products like dyes, lacquers, resins, and varnishes. The broad melting and boiling points of N-butanol make it useful for the production of chemicals that are required to cool down entire machinery. Butyl alcohol is used to make rubber cement, safety glass, rayon, photographic film, motion picture, water resistance cloth, artificial leather, and raincoats. Moreover, it has wide application in agriculture for the production of herbicides and other essential agrochemicals. According to the report, the world trade of n-Butanol was amounted to around USD 550 million by value in 2020. In food industries, n-Butanol is used as a dehydrating agent in perfumes and fruit essences and as a flavoring agent in foods and beverages. Hence, owing to its broad application in every end-user industry, it is expected that demand for n-Butanol is going to increase in the projected period.

### Increasing Demand for Eco-Friendly Butanol to Drive the Market Growth

Growing demand for green fuel worldwide in order to achieve sustainability goals and ensure optimum and reasonable use of the resources. Owing to n-butanol characteristics, it is a more environmentally friendly, cleaner-burning alternative that can be employed in diesel engines without alteration. Moreover, it can help by reducing greenhouse gas emissions by 86%. Therefore, n-Butanol helps in reducing pollution and helps people to achieve sustainable development. It is expected that there will be a lucrative market for n-Butanol in the future as a fuel.

### Recent Development

In September 2020, researchers discovered an implementation of a novel process for n-butanol production through 2-oxoglutarate. Through this research, they explain that enumeration algorithms can become extensive in the spectrum of butanol manufacturing ways.

## Market Segmentation

Global N-Butanol market is based on grade and application. Based on grade, the market is divided into industrial grade v/s pharmaceutical grade. Based on application, the market is divided into butyl acetate, butyl acrylate, glycol ethers, direct solvent, plasticizers, and others.

## Market Players

Mitsubishi Chemical Corporation, Dow Chemical Company, BASF SE, OXEA GmbH, Sasol Ltd, KH Neochem Co Ltd, China National Petroleum Corporation (CNPC), INEOS Oxide Ltd, Perstorp Holding AB, and Saudi Kayan Petrochemical Company are the key players operating in the global N-butanol market.

## Report Scope:

In this report, global N-butanol market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

### Global N-Butanol Market, By Grade:

Industrial Grade

Pharmaceutical Grade

### Global N-Butanol Market, By Application:

Butyl Acetate

Butyl Acrylate

Glycol Ethers

Direct Solvent

Plasticizers

Others

Global N-Butanol Market, By region:

North America

United States

Mexico

Canada

Asia-Pacific

China

India

South Korea

Japan

Australia

Europe

France

Germany

United Kingdom

Italy

Spain

## South America

Brazil

Argentina

Colombia

## Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global N-butanol market.

## Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### 1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### 2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### 3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

### 4. GLOBAL N-BUTANOL MARKET OUTLOOK

- 4.1. Market Size & Forecast
  - 4.1.1. By Value & Volume
- 4.2. Market Share & Forecast
  - 4.2.1. By Grade (Industrial Grade v/s Pharmaceutical Grade)
  - 4.2.2. By Application (Butyl Acetate, Butyl Acrylate, Glycol Ethers, Direct Solvent, Plasticizers, Others)
  - 4.2.3. By Region (North America, Europe, Asia Pacific, South America, Middle East & Africa)
  - 4.2.4. By Company (2022)

#### 4.3. Market Map

4.3.1. By Grade

4.3.2. By Application

4.3.3. By Region

### **5. NORTH AMERICA N-BUTANOL MARKET OUTLOOK**

#### 5.1. Market Size & Forecast

5.1.1. By Value & Volume

#### 5.2. Market Share & Forecast

5.2.1. By Grade

5.2.2. By Application

5.2.3. By Country

#### 5.3. Pricing Analysis

#### 5.4. North America: Country Analysis

##### 5.4.1. United States N-Butanol Market Outlook

5.4.1.1. Market Size & Forecast

5.4.1.1.1. By Value & Volume

5.4.1.2. Market Share & Forecast

5.4.1.2.1. By Grade

5.4.1.2.2. By Application

##### 5.4.2. Mexico N-Butanol Market Outlook

5.4.2.1. Market Size & Forecast

5.4.2.1.1. By Value & Volume

5.4.2.2. Market Share & Forecast

5.4.2.2.1. By Grade

5.4.2.2.2. By Application

##### 5.4.3. Canada N-Butanol Market Outlook

5.4.3.1. Market Size & Forecast

5.4.3.1.1. By Value & Volume

5.4.3.2. Market Share & Forecast

5.4.3.2.1. By Grade

5.4.3.2.2. By Application

### **6. EUROPE N-BUTANOL MARKET OUTLOOK**

#### 6.1. Market Size & Forecast

6.1.1. By Value & Volume

#### 6.2. Market Share & Forecast

- 6.2.1. By Grade
- 6.2.2. By Application
- 6.2.3. By Country
- 6.3. Pricing Analysis
- 6.4. Europe: Country Analysis
  - 6.4.1. France N-Butanol Market Outlook
    - 6.4.1.1. Market Size & Forecast
      - 6.4.1.1.1. By Value & Volume
    - 6.4.1.2. Market Share & Forecast
      - 6.4.1.2.1. By Grade
      - 6.4.1.2.2. By Application
  - 6.4.2. Germany N-Butanol Market Outlook
    - 6.4.2.1. Market Size & Forecast
      - 6.4.2.1.1. By Value & Volume
    - 6.4.2.2. Market Share & Forecast
      - 6.4.2.2.1. By Grade
      - 6.4.2.2.2. By Application
  - 6.4.3. United Kingdom N-Butanol Market Outlook
    - 6.4.3.1. Market Size & Forecast
      - 6.4.3.1.1. By Value & Volume
    - 6.4.3.2. Market Share & Forecast
      - 6.4.3.2.1. By Grade
      - 6.4.3.2.2. By Application
  - 6.4.4. Italy N-Butanol Market Outlook
    - 6.4.4.1. Market Size & Forecast
      - 6.4.4.1.1. By Value & Volume
    - 6.4.4.2. Market Share & Forecast
      - 6.4.4.2.1. By Grade
      - 6.4.4.2.2. By Application
  - 6.4.5. Spain N-Butanol Market Outlook
    - 6.4.5.1. Market Size & Forecast
      - 6.4.5.1.1. By Value & Volume
    - 6.4.5.2. Market Share & Forecast
      - 6.4.5.2.1. By Grade
      - 6.4.5.2.2. By Application

## **7. ASIA-PACIFIC N-BUTANOL MARKET OUTLOOK**

### **7.1. Market Size & Forecast**



- 7.1.1. By Value & Volume
- 7.2. Market Share & Forecast
  - 7.2.1. By Grade
  - 7.2.2. By Application
  - 7.2.3. By Country
- 7.3. Pricing Analysis
- 7.4. Asia-Pacific: Country Analysis
  - 7.4.1. China N-Butanol Market Outlook
    - 7.4.1.1. Market Size & Forecast
      - 7.4.1.1.1. By Value & Volume
    - 7.4.1.2. Market Share & Forecast
      - 7.4.1.2.1. By Grade
      - 7.4.1.2.2. By Application
  - 7.4.2. India N-Butanol Market Outlook
    - 7.4.2.1. Market Size & Forecast
      - 7.4.2.1.1. By Value & Volume
    - 7.4.2.2. Market Share & Forecast
      - 7.4.2.2.1. By Grade
      - 7.4.2.2.2. By Application
  - 7.4.3. South Korea N-Butanol Market Outlook
    - 7.4.3.1. Market Size & Forecast
      - 7.4.3.1.1. By Value & Volume
    - 7.4.3.2. Market Share & Forecast
      - 7.4.3.2.1. By Grade
      - 7.4.3.2.2. By Application
  - 7.4.4. Japan N-Butanol Market Outlook
    - 7.4.4.1. Market Size & Forecast
      - 7.4.4.1.1. By Value & Volume
    - 7.4.4.2. Market Share & Forecast
      - 7.4.4.2.1. By Grade
      - 7.4.4.2.2. By Application
  - 7.4.5. Australia N-Butanol Market Outlook
    - 7.4.5.1. Market Size & Forecast
      - 7.4.5.1.1. By Value & Volume
    - 7.4.5.2. Market Share & Forecast
      - 7.4.5.2.1. By Grade
      - 7.4.5.2.2. By Application

## **8. SOUTH AMERICA N-BUTANOL MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value & Volume
- 8.2. Market Share & Forecast
  - 8.2.1. By Grade
  - 8.2.2. By Application
  - 8.2.3. By Country
- 8.3. Pricing Analysis
- 8.4. South America: Country Analysis
  - 8.4.1. Brazil N-Butanol Market Outlook
    - 8.4.1.1. Market Size & Forecast
      - 8.4.1.1.1. By Value & Volume
    - 8.4.1.2. Market Share & Forecast
      - 8.4.1.2.1. By Grade
      - 8.4.1.2.2. By Application
  - 8.4.2. Argentina N-Butanol Market Outlook
    - 8.4.2.1. Market Size & Forecast
      - 8.4.2.1.1. By Value & Volume
    - 8.4.2.2. Market Share & Forecast
      - 8.4.2.2.1. By Grade
      - 8.4.2.2.2. By Application
  - 8.4.3. Colombia N-Butanol Market Outlook
    - 8.4.3.1. Market Size & Forecast
      - 8.4.3.1.1. By Value & Volume
    - 8.4.3.2. Market Share & Forecast
      - 8.4.3.2.1. By Grade
      - 8.4.3.2.2. By Application

## **9. MIDDLE EAST AND AFRICA N-BUTANOL MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value & Volume
- 9.2. Market Share & Forecast
  - 9.2.1. By Grade
  - 9.2.2. By Application
  - 9.2.3. By Country
- 9.3. Pricing Analysis
- 9.4. MEA: Country Analysis
  - 9.4.1. South Africa N-Butanol Market Outlook

- 9.4.1.1. Market Size & Forecast
  - 9.4.1.1.1. By Value & Volume
- 9.4.1.2. Market Share & Forecast
  - 9.4.1.2.1. By Grade
  - 9.4.1.2.2. By Application
- 9.4.2. Saudi Arabia N-Butanol Market Outlook
  - 9.4.2.1. Market Size & Forecast
    - 9.4.2.1.1. By Value & Volume
  - 9.4.2.2. Market Share & Forecast
    - 9.4.2.2.1. By Grade
    - 9.4.2.2.2. By Application
- 9.4.3. UAE N-Butanol Market Outlook
  - 9.4.3.1. Market Size & Forecast
    - 9.4.3.1.1. By Value & Volume
  - 9.4.3.2. Market Share & Forecast
    - 9.4.3.2.1. By Grade
    - 9.4.3.2.2. By Application

## **10. MARKET DYNAMICS**

- 10.1. Drivers
  - 10.1.1. Rising demand from pharmaceutical sector
  - 10.1.2. Growing demand for industries application
  - 10.1.3. Rising demand from construction industries
- 10.2. Challenges
  - 10.2.1. Adverse effect on humans
  - 10.2.2. Fluctuating cost of raw material

## **11. MARKET TRENDS & DEVELOPMENTS**

- 11.1. Research & Development
- 11.2. Product launch
- 11.3. Merger and Acquisition

## **12. GLOBAL N-BUTANOL MARKET: SWOT ANALYSIS**

## **13. PORTER'S FIVE FORCES ANALYSIS**

- 13.1. Competition in the Industry

- 13.2. Potential of New Entrants
- 13.3. Power of Suppliers
- 13.4. Power of Customers
- 13.5. Threat of Substitute Product

## **14. COMPETITIVE LANDSCAPE**

- 14.1. Business Overview
- 14.2. Product Offerings
- 14.3. Recent Developments
- 14.4. Financials (In Case of Listed Companies)
- 14.5. Key Personnel
  - 14.5.1. Mitsubishi Chemical Corporation
  - 14.5.2. Dow Chemical Company
  - 14.5.3. BASF SE
  - 14.5.4. OXEA GmbH
  - 14.5.5. Sasol Ltd
  - 14.5.6. KH Neochem Co Ltd
  - 14.5.7. China National Petroleum Corporation (CNPC)
  - 14.5.8. INEOS Oxide Ltd
  - 14.5.9. Perstorp Holding AB
  - 14.5.10. Saudi Kayan Petrochemical Company

## **15. STRATEGIC RECOMMENDATIONS**

## I would like to order

Product name: N-Butanol Market- Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Grade (Industrial Grade v/s Pharmaceutical Grade), By Application (Butyl Acetate, Butyl Acrylate, Glycol Ethers, Direct Solvent, Plasticizers, and Others), By Region and Competition

Product link: <https://marketpublishers.com/r/N3FCC017464EEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N3FCC017464EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970