

Global n-Butanol Market Report 2018-2029

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Abstracts

n-Butanol is a clear, colorless liquid that is commonly used as a solvent in various industries. It is derived from the fermentation of sugar or starch and has a slightly sweet odor. n-Butanol is also known as butyl alcohol or 1-butanol.

n-Butanol is primarily used as a solvent for paints, coatings, varnishes, and resins. It is also used in the production of other chemicals such as butyl acetate, butyl acrylate, ethylene glycol ether and plasticizers. In addition, it is used in direct solvent applications such as inks, adhesives, and cleaners.

The global n-Butanol market is expected to reach US\$3200 million by 2022, with a compound annual growth rate of 4.7%. The industry growth is driven by increasing demand for n-Butanol from various applications such as paints, coatings, and adhesives. The major global manufacturers of n-Butanol include BASF, THE DOW CHEMICAL, OXEA, SASOL, PETROCHINA, EASTMAN, MITSUBISHI CHEMICAL, BASF PETRONAS CHEMICALS, SINOPEC, KH NEOCHEM among others.

In the paints and coatings industry, n-Butanol is widely used as a solvent that helps dissolve and dilute the various components of the paint. This allows for a smooth application and even distribution of the paint. The industry growth is driven by increasing demand for paints and coatings in the construction, automotive, and packaging industries.

In the adhesives industry, n-Butanol is used as a solvent for polyvinyl acetate (PVA) adhesives. PVA adhesives are used in various industries such as packaging, woodworking, and construction. The growth of the adhesives industry is driven by increasing demand for eco-friendly and high-performance adhesives.

The future of the n-Butanol industry looks promising due to increasing demand from

various end-use industries. The growth of the paints and coatings industry, the expansion of the adhesives industry, and the growing use of n-Butanol in other applications such as plastics and textiles are likely to drive market growth. Additionally, product innovation and advancements in technology are expected to open up new opportunities for growth in the industry. However, the industry also faces challenges such as increasing competition from substitutes and volatile raw material prices. Overall, the n-Butanol industry looks set to grow and evolve alongside the changing needs of various industries.

The SWOT analysis of the n-Butanol industry is as follows:

Strengths:

Wide range of applications in various industries such as paints and coatings, adhesives, plastics, and textiles.

High demand from the construction, automotive, and packaging industries.

Availability of raw materials required for the production of n-Butanol.

Major global manufacturers investing in research and development to enhance product performance and expand their market share.

Weaknesses:

Vulnerability to fluctuations in raw material prices, which can impact profit margins.

Competition from alternative solvents, which offer similar or superior properties in certain applications.

Environmental concerns related to the production and use of n-Butanol, particularly in terms of emissions and waste disposal.

Limited biodegradability of n-Butanol compared to some other solvents.

Opportunities:

Growing demand for sustainable and eco-friendly products, leading to increased adoption of n-Butanol in various industries.

Expansion into emerging markets, such as Asia-Pacific and Africa, with significant growth potential.

Collaborations and partnerships between companies for knowledge sharing and resource pooling, leading to innovation and cost efficiencies.

Increasing focus on renewable energy sources, which may require n-Butanol components for their production.

Threats:

Economic uncertainty and market volatility, which can impact demand for n-Butanol

products.

Stringent government regulations related to environmental impact and worker safety.

Emerging competition from alternative solvents and technologies.

Health and safety concerns related to the use of n-Butanol, such as possible allergic reactions.

Key players in global n-Butanol market include:

BASF

THE DOW CHEMICAL

OXEA

SASOL

PETROCHINA

EASTMAN

MITSUBISHI CHEMICAL

BASF PETRONAS CHEMICALS

SINOPEC

KH NEOCHEM

Market segmentation, by product types:

Industrial Grade

Reagent Grade

Market segmentation, by applications:

Butyl Acrylate

Butyl Acetate

Ethylene Glycol Ether

Direct Solvent

Plasticizer

Other

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