

Global Nonafluorobutane-1-Sulfonic Acid Market Growth 2026-2032

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Abstracts

The global Nonafluorobutane-1-Sulfonic Acid market size is predicted to grow from US\$ 5.69 million in 2025 to US\$ 7.47 million in 2032; it is expected to grow at a CAGR of 3.7% from 2026 to 2032.

Nonafluorobutane-1-sulfonic acid (PFBS, CAS 375-73-5) is a short-chain perfluoroalkyl sulfonic acid (PFSA) within the broader PFAS family. Structurally, it contains a four-carbon perfluorobutyl (C4) chain attached to a sulfonic acid group (-SO₃H), and in water it readily dissociates to the perfluorobutanesulfonate anion (PFBS⁻).

Industrially, PFBS is closely linked to its direct precursor perfluorobutane sulfonyl fluoride (PBSF / PFBSF), which serves as a starting intermediate; PBSF itself can be produced via electrochemical fluorination (ECF), and PFBS (and salts/derivatives) can be synthesized from PBSF (e.g., by hydrolysis and further derivatization). Downstream, PFBS is mainly valued as a PFBS-moiety building block for making salts and PFBS-related surfactants/polymers, with reported application areas including water and stain-repellent treatments for leather/textiles/carpets and porous surfaces, mist suppressants in metal (chromium) plating, and specialty surfactants for electronics/semiconductor process chemicals and fluxes.

In 2025, global sales of nonafluorobutane-1-sulfonic acid reached approximately 48 tons, with an average global market price of around US\$ 122/kg. Production capacity varies significantly among manufacturers, with gross profit margins ranging from approximately 20% to 50%.

United States market for Nonafluorobutane-1-Sulfonic Acid is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through

2032.

China market for Nonafluorobutane-1-Sulfonic Acid is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Nonafluorobutane-1-Sulfonic Acid is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Nonafluorobutane-1-Sulfonic Acid players cover Mitsubishi Materials Electronic Chemicals, Jiangxi Time Pharmaceutical, Fujian Tianfu Chemical, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Nonafluorobutane-1-Sulfonic Acid Industry Forecast" looks at past sales and reviews total world Nonafluorobutane-1-Sulfonic Acid sales in 2025, providing a comprehensive analysis by region and market sector of projected Nonafluorobutane-1-Sulfonic Acid sales for 2026 through 2032. With Nonafluorobutane-1-Sulfonic Acid sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Nonafluorobutane-1-Sulfonic Acid industry.

This Insight Report provides a comprehensive analysis of the global Nonafluorobutane-1-Sulfonic Acid landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Nonafluorobutane-1-Sulfonic Acid portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Nonafluorobutane-1-Sulfonic Acid market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Nonafluorobutane-1-Sulfonic Acid and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Nonafluorobutane-1-Sulfonic Acid.

This report presents a comprehensive overview, market shares, and growth

opportunities of Nonafluorobutane-1-Sulfonic Acid market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

98% Purity

99% Purity

Other

Segmentation by Grade:

Industrial Grade

Electronics Grade

Segmentation by Carbon Chain Length:

Short Chain PFSA

Long Chain PFSA

Segmentation by Application:

Water & Stain Repellent Treatments

Metal Plating Mist Suppressant

Microelectronics Etching Solution

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Mitsubishi Materials Electronic Chemicals

Jiangxi Time Pharmaceutical

Fujian Tianfu Chemical

Key Questions Addressed in this Report

What is the 10-year outlook for the global Nonafluorobutane-1-Sulfonic Acid market?

What factors are driving Nonafluorobutane-1-Sulfonic Acid market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Nonafluorobutane-1-Sulfonic Acid market opportunities vary by end market size?

How does Nonafluorobutane-1-Sulfonic Acid break out by Type, by Application?

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