

Global Nonafluorobutane-1-Sulfonic Acid Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G2C39C45DB69EN.html>

Date: February 2026

Pages: 91

Price: US\$ 4,480.00 (Single User License)

ID: G2C39C45DB69EN

Abstracts

The global Nonafluorobutane-1-Sulfonic Acid market size is expected to reach \$ 7.76 million by 2032, rising at a market growth of 3.5% CAGR during the forecast period (2026-2032).

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%.

This report studies the global Nonafluorobutane-1-Sulfonic Acid production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Nonfluorobutane-1-Sulfonic Acid and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Nonfluorobutane-1-Sulfonic Acid that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Nonfluorobutane-1-Sulfonic Acid total production and demand, 2021-2032, (Tons)

Global Nonfluorobutane-1-Sulfonic Acid total production value, 2021-2032, (USD Million)

Global Nonfluorobutane-1-Sulfonic Acid production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Nonfluorobutane-1-Sulfonic Acid consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Nonfluorobutane-1-Sulfonic Acid domestic production, consumption, key domestic manufacturers and share

Global Nonfluorobutane-1-Sulfonic Acid production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Nonfluorobutane-1-Sulfonic Acid production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Nonfluorobutane-1-Sulfonic Acid production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Nonfluorobutane-1-Sulfonic Acid market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Mitsubishi Materials Electronic Chemicals, Jiangxi Time Pharmaceutical, Fujian Tianfu Chemical, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Nonfluorobutane-1-Sulfonic Acid market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Nonafluorobutane-1-Sulfonic Acid Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Nonafluorobutane-1-Sulfonic Acid Market, Segmentation by Type:

98% Purity

99% Purity

Other

Global Nonafluorobutane-1-Sulfonic Acid Market, Segmentation by Grade:

Industrial Grade

Electronics Grade

Global Nonafluorobutane-1-Sulfonic Acid Market, Segmentation by Carbon Chain Length:

Short Chain PFSA

Long Chain PFSA

Global Nonafluorobutane-1-Sulfonic Acid Market, Segmentation by Application:

Water & Stain Repellent Treatments

Metal Plating Mist Suppressant

Microelectronics Etching Solution

Other

Companies Profiled:

Mitsubishi Materials Electronic Chemicals

Jiangxi Time Pharmaceutical

Fujian Tianfu Chemical

Key Questions Answered:

1. How big is the global Nonafluorobutane-1-Sulfonic Acid market?
2. What is the demand of the global Nonafluorobutane-1-Sulfonic Acid market?
3. What is the year over year growth of the global Nonafluorobutane-1-Sulfonic Acid market?
4. What is the production and production value of the global Nonafluorobutane-1-Sulfonic Acid market?
5. Who are the key producers in the global Nonafluorobutane-1-Sulfonic Acid market?

6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Liposome Encapsulation Services Introduction
- 1.2 World Liposome Encapsulation Services Market Size & Forecast (2021 & 2025 & 2032)
- 1.3 World Liposome Encapsulation Services Total Market by Region (by Headquarter Location)
 - 1.3.1 World Liposome Encapsulation Services Market Size by Region (2021-2032), (by Headquarter Location)
 - 1.3.2 United States Based Company Liposome Encapsulation Services Revenue (2021-2032)
 - 1.3.3 China Based Company Liposome Encapsulation Services Revenue (2021-2032)
 - 1.3.4 Europe Based Company Liposome Encapsulation Services Revenue (2021-2032)
 - 1.3.5 Japan Based Company Liposome Encapsulation Services Revenue (2021-2032)
 - 1.3.6 South Korea Based Company Liposome Encapsulation Services Revenue (2021-2032)
 - 1.3.7 ASEAN Based Company Liposome Encapsulation Services Revenue (2021-2032)
 - 1.3.8 India Based Company Liposome Encapsulation Services Revenue (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Liposome Encapsulation Services Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Liposome Encapsulation Services Consumption Value (2021-2032)
- 2.2 World Liposome Encapsulation Services Consumption Value by Region
 - 2.2.1 World Liposome Encapsulation Services Consumption Value by Region (2021-2026)
 - 2.2.2 World Liposome Encapsulation Services Consumption Value Forecast by Region (2027-2032)
- 2.3 United States Liposome Encapsulation Services Consumption Value (2021-2032)
- 2.4 China Liposome Encapsulation Services Consumption Value (2021-2032)
- 2.5 Europe Liposome Encapsulation Services Consumption Value (2021-2032)
- 2.6 Japan Liposome Encapsulation Services Consumption Value (2021-2032)

- 2.7 South Korea Liposome Encapsulation Services Consumption Value (2021-2032)
- 2.8 ASEAN Liposome Encapsulation Services Consumption Value (2021-2032)
- 2.9 India Liposome Encapsulation Services Consumption Value (2021-2032)

3 WORLD LIPOSOME ENCAPSULATION SERVICES COMPANIES COMPETITIVE ANALYSIS

- 3.1 World Liposome Encapsulation Services Revenue by Player (2021-2026)
- 3.2 Industry Rank and Concentration Rate (CR)
 - 3.2.1 Global Liposome Encapsulation Services Industry Rank of Major Players
 - 3.2.2 Global Concentration Ratios (CR4) for Liposome Encapsulation Services in 2025
 - 3.2.3 Global Concentration Ratios (CR8) for Liposome Encapsulation Services in 2025
- 3.3 Liposome Encapsulation Services Company Evaluation Quadrant
- 3.4 Liposome Encapsulation Services Market: Overall Company Footprint Analysis
 - 3.4.1 Liposome Encapsulation Services Market: Region Footprint
 - 3.4.2 Liposome Encapsulation Services Market: Company Product Type Footprint
 - 3.4.3 Liposome Encapsulation Services Market: Company Product Application Footprint
- 3.5 Competitive Environment
 - 3.5.1 Historical Structure of the Industry
 - 3.5.2 Barriers of Market Entry
 - 3.5.3 Factors of Competition
- 3.6 Mergers & Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)

- 4.1 United States VS China: Liposome Encapsulation Services Revenue Comparison (by Headquarter Location)
 - 4.1.1 United States VS China: Liposome Encapsulation Services Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
 - 4.1.2 United States VS China: Liposome Encapsulation Services Revenue Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States Based Companies VS China Based Companies: Liposome Encapsulation Services Consumption Value Comparison
 - 4.2.1 United States VS China: Liposome Encapsulation Services Consumption Value Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Liposome Encapsulation Services Consumption Value Market Share Comparison (2021 & 2025 & 2032)

4.3 United States Based Liposome Encapsulation Services Companies and Market Share, 2021-2026

4.3.1 United States Based Liposome Encapsulation Services Companies, Headquarters (States, Country)

4.3.2 United States Based Companies Liposome Encapsulation Services Revenue, (2021-2026)

4.4 China Based Companies Liposome Encapsulation Services Revenue and Market Share, 2021-2026

4.4.1 China Based Liposome Encapsulation Services Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies Liposome Encapsulation Services Revenue, (2021-2026)

4.5 Rest of World Based Liposome Encapsulation Services Companies and Market Share, 2021-2026

4.5.1 Rest of World Based Liposome Encapsulation Services Companies, Headquarters (Province, Country)

4.5.2 Rest of World Based Companies Liposome Encapsulation Services Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Liposome Encapsulation Services Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Hydrophilic Molecules

5.2.2 Hydrophobic Molecules

5.2.3 Macromolecules/Nucleic Acids

5.2.4 Others

5.3 Market Segment by Type

5.3.1 World Liposome Encapsulation Services Market Size by Type (2021-2026)

5.3.2 World Liposome Encapsulation Services Market Size by Type (2027-2032)

5.3.3 World Liposome Encapsulation Services Market Size Market Share by Type (2027-2032)

6 MARKET ANALYSIS BY MANUFACTURING TECH

6.1 World Liposome Encapsulation Services Market Size Overview by Manufacturing Tech: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Manufacturing Tech

6.2.1 Microfluidics

6.2.2 Extrusion

6.2.3 Others

6.3 Market Segment by Manufacturing Tech

6.3.1 World Liposome Encapsulation Services Market Size by Manufacturing Tech (2021-2026)

6.3.2 World Liposome Encapsulation Services Market Size by Manufacturing Tech (2027-2032)

6.3.3 World Liposome Encapsulation Services Market Size Market Share by Manufacturing Tech (2027-2032)

7 MARKET ANALYSIS BY APPLICATION

7.1 World Liposome Encapsulation Services Market Size Overview by Application: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Application

7.2.1 Pharmaceutical

7.2.2 Nutraceutical

7.2.3 Cosmetic

7.3 Market Segment by Application

7.3.1 World Liposome Encapsulation Services Market Size by Application (2021-2026)

7.3.2 World Liposome Encapsulation Services Market Size by Application (2027-2032)

7.3.3 World Liposome Encapsulation Services Market Size Market Share by Application (2021-2032)

8 COMPANY PROFILES

8.1 BOC Sciences

8.1.1 BOC Sciences Details

8.1.2 BOC Sciences Major Business

8.1.3 BOC Sciences Liposome Encapsulation Services Product and Services

8.1.4 BOC Sciences Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

8.1.5 BOC Sciences Recent Developments/Updates

8.1.6 BOC Sciences Competitive Strengths & Weaknesses

8.2 Evonik

8.2.1 Evonik Details

8.2.2 Evonik Major Business

8.2.3 Evonik Liposome Encapsulation Services Product and Services

8.2.4 Evonik Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

8.2.5 Evonik Recent Developments/Updates

8.2.6 Evonik Competitive Strengths & Weaknesses

8.3 Danaher

8.3.1 Danaher Details

8.3.2 Danaher Major Business

8.3.3 Danaher Liposome Encapsulation Services Product and Services

8.3.4 Danaher Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

8.3.5 Danaher Recent Developments/Updates

8.3.6 Danaher Competitive Strengths & Weaknesses

8.4 Merck

8.4.1 Merck Details

8.4.2 Merck Major Business

8.4.3 Merck Liposome Encapsulation Services Product and Services

8.4.4 Merck Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

8.4.5 Merck Recent Developments/Updates

8.4.6 Merck Competitive Strengths & Weaknesses

8.5 Creative Biolabs

8.5.1 Creative Biolabs Details

8.5.2 Creative Biolabs Major Business

8.5.3 Creative Biolabs Liposome Encapsulation Services Product and Services

8.5.4 Creative Biolabs Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

8.5.5 Creative Biolabs Recent Developments/Updates

8.5.6 Creative Biolabs Competitive Strengths & Weaknesses

8.6 Polymun Scientific

8.6.1 Polymun Scientific Details

8.6.2 Polymun Scientific Major Business

8.6.3 Polymun Scientific Liposome Encapsulation Services Product and Services

8.6.4 Polymun Scientific Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)

8.6.5 Polymun Scientific Recent Developments/Updates

8.6.6 Polymun Scientific Competitive Strengths & Weaknesses

8.7 Lonza

8.7.1 Lonza Details

8.7.2 Lonza Major Business

- 8.7.3 Lonza Liposome Encapsulation Services Product and Services
- 8.7.4 Lonza Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)
- 8.7.5 Lonza Recent Developments/Updates
- 8.7.6 Lonza Competitive Strengths & Weaknesses
- 8.8 CordenPharma
 - 8.8.1 CordenPharma Details
 - 8.8.2 CordenPharma Major Business
 - 8.8.3 CordenPharma Liposome Encapsulation Services Product and Services
 - 8.8.4 CordenPharma Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)
 - 8.8.5 CordenPharma Recent Developments/Updates
 - 8.8.6 CordenPharma Competitive Strengths & Weaknesses
- 8.9 Baxter BioPharma Solutions
 - 8.9.1 Baxter BioPharma Solutions Details
 - 8.9.2 Baxter BioPharma Solutions Major Business
 - 8.9.3 Baxter BioPharma Solutions Liposome Encapsulation Services Product and Services
 - 8.9.4 Baxter BioPharma Solutions Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)
 - 8.9.5 Baxter BioPharma Solutions Recent Developments/Updates
 - 8.9.6 Baxter BioPharma Solutions Competitive Strengths & Weaknesses
- 8.10 Luye Pharma
 - 8.10.1 Luye Pharma Details
 - 8.10.2 Luye Pharma Major Business
 - 8.10.3 Luye Pharma Liposome Encapsulation Services Product and Services
 - 8.10.4 Luye Pharma Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)
 - 8.10.5 Luye Pharma Recent Developments/Updates
 - 8.10.6 Luye Pharma Competitive Strengths & Weaknesses
- 8.11 GMPriority Pharma
 - 8.11.1 GMPriority Pharma Details
 - 8.11.2 GMPriority Pharma Major Business
 - 8.11.3 GMPriority Pharma Liposome Encapsulation Services Product and Services
 - 8.11.4 GMPriority Pharma Liposome Encapsulation Services Revenue, Gross Margin and Market Share (2021-2026)
 - 8.11.5 GMPriority Pharma Recent Developments/Updates
 - 8.11.6 GMPriority Pharma Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

- 9.1 Liposome Encapsulation Services Industry Chain
- 9.2 Liposome Encapsulation Services Upstream Analysis
- 9.3 Liposome Encapsulation Services Midstream Analysis
- 9.4 Liposome Encapsulation Services Downstream Analysis

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

- 11.1 Methodology
- 11.2 Research Process and Data Source
- 11.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Nonafluorobutane-1-Sulfonic Acid Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Nonafluorobutane-1-Sulfonic Acid Production Value by Region (2021-2026) & (USD Million)

Table 3. World Nonafluorobutane-1-Sulfonic Acid Production Value by Region (2027-2032) & (USD Million)

Table 4. World Nonafluorobutane-1-Sulfonic Acid Production Value Market Share by Region (2021-2026)

Table 5. World Nonafluorobutane-1-Sulfonic Acid Production Value Market Share by Region (2027-2032)

Table 6. World Nonafluorobutane-1-Sulfonic Acid Production by Region (2021-2026) & (Tons)

Table 7. World Nonafluorobutane-1-Sulfonic Acid Production by Region (2027-2032) & (Tons)

Table 8. World Nonafluorobutane-1-Sulfonic Acid Production Market Share by Region (2021-2026)

Table 9. World Nonafluorobutane-1-Sulfonic Acid Production Market Share by Region (2027-2032)

Table 10. World Nonafluorobutane-1-Sulfonic Acid Average Price by Region (2021-2026) & (US\$/kg)

Table 11. World Nonafluorobutane-1-Sulfonic Acid Average Price by Region (2027-2032) & (US\$/kg)

Table 12. Nonafluorobutane-1-Sulfonic Acid Major Market Trends

Table 13. World Nonafluorobutane-1-Sulfonic Acid Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Tons)

Table 14. World Nonafluorobutane-1-Sulfonic Acid Consumption by Region (2021-2026) & (Tons)

Table 15. World Nonafluorobutane-1-Sulfonic Acid Consumption Forecast by Region (2027-2032) & (Tons)

Table 16. World Nonafluorobutane-1-Sulfonic Acid Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Nonafluorobutane-1-Sulfonic Acid Producers in 2025

Table 18. World Nonafluorobutane-1-Sulfonic Acid Production by Manufacturer (2021-2026) & (Tons)

Table 19. Production Market Share of Key Nonfluorobutane-1-Sulfonic Acid Producers in 2025

Table 20. World Nonfluorobutane-1-Sulfonic Acid Average Price by Manufacturer (2021-2026) & (US\$/kg)

Table 21. Global Nonfluorobutane-1-Sulfonic Acid Company Evaluation Quadrant

Table 22. World Nonfluorobutane-1-Sulfonic Acid Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Nonfluorobutane-1-Sulfonic Acid Production Site of Key Manufacturer

Table 24. Nonfluorobutane-1-Sulfonic Acid Market: Company Product Type Footprint

Table 25. Nonfluorobutane-1-Sulfonic Acid Market: Company Product Application Footprint

Table 26. Nonfluorobutane-1-Sulfonic Acid Competitive Factors

Table 27. Nonfluorobutane-1-Sulfonic Acid New Entrant and Capacity Expansion Plans

Table 28. Nonfluorobutane-1-Sulfonic Acid Mergers & Acquisitions Activity

Table 29. United States VS China Nonfluorobutane-1-Sulfonic Acid Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Nonfluorobutane-1-Sulfonic Acid Production Comparison, (2021 & 2025 & 2032) & (Tons)

Table 31. United States VS China Nonfluorobutane-1-Sulfonic Acid Consumption Comparison, (2021 & 2025 & 2032) & (Tons)

Table 32. United States Based Nonfluorobutane-1-Sulfonic Acid Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Nonfluorobutane-1-Sulfonic Acid Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Nonfluorobutane-1-Sulfonic Acid Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Nonfluorobutane-1-Sulfonic Acid Production (2021-2026) & (Tons)

Table 36. United States Based Manufacturers Nonfluorobutane-1-Sulfonic Acid Production Market Share (2021-2026)

Table 37. China Based Nonfluorobutane-1-Sulfonic Acid Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Nonfluorobutane-1-Sulfonic Acid Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Nonfluorobutane-1-Sulfonic Acid Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Nonfluorobutane-1-Sulfonic Acid Production,

(2021-2026) & (Tons)

Table 41. China Based Manufacturers Nonafluorobutane-1-Sulfonic Acid Production Market Share (2021-2026)

Table 42. Rest of World Based Nonafluorobutane-1-Sulfonic Acid Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Nonafluorobutane-1-Sulfonic Acid Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Nonafluorobutane-1-Sulfonic Acid Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Nonafluorobutane-1-Sulfonic Acid Production, (2021-2026) & (Tons)

Table 46. Rest of World Based Manufacturers Nonafluorobutane-1-Sulfonic Acid Production Market Share (2021-2026)

Table 47. World Nonafluorobutane-1-Sulfonic Acid Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Nonafluorobutane-1-Sulfonic Acid Production by Type (2021-2026) & (Tons)

Table 49. World Nonafluorobutane-1-Sulfonic Acid Production by Type (2027-2032) & (Tons)

Table 50. World Nonafluorobutane-1-Sulfonic Acid Production Value by Type (2021-2026) & (USD Million)

Table 51. World Nonafluorobutane-1-Sulfonic Acid Production Value by Type (2027-2032) & (USD Million)

Table 52. World Nonafluorobutane-1-Sulfonic Acid Average Price by Type (2021-2026) & (US\$/kg)

Table 53. World Nonafluorobutane-1-Sulfonic Acid Average Price by Type (2027-2032) & (US\$/kg)

Table 54. World Nonafluorobutane-1-Sulfonic Acid Production Value by Grade, (USD Million), 2021 & 2025 & 2032

Table 55. World Nonafluorobutane-1-Sulfonic Acid Production by Grade (2021-2026) & (Tons)

Table 56. World Nonafluorobutane-1-Sulfonic Acid Production by Grade (2027-2032) & (Tons)

Table 57. World Nonafluorobutane-1-Sulfonic Acid Production Value by Grade (2021-2026) & (USD Million)

Table 58. World Nonafluorobutane-1-Sulfonic Acid Production Value by Grade (2027-2032) & (USD Million)

Table 59. World Nonafluorobutane-1-Sulfonic Acid Average Price by Grade (2021-2026) & (US\$/kg)

Table 60. World Nonafluorobutane-1-Sulfonic Acid Average Price by Grade (2027-2032) & (US\$/kg)

Table 61. World Nonafluorobutane-1-Sulfonic Acid Production Value by Carbon Chain Length, (USD Million), 2021 & 2025 & 2032

Table 62. World Nonafluorobutane-1-Sulfonic Acid Production by Carbon Chain Length (2021-2026) & (Tons)

Table 63. World Nonafluorobutane-1-Sulfonic Acid Production by Carbon Chain Length (2027-2032) & (Tons)

Table 64. World Nonafluorobutane-1-Sulfonic Acid Production Value by Carbon Chain Length (2021-2026) & (USD Million)

Table 65. World Nonafluorobutane-1-Sulfonic Acid Production Value by Carbon Chain Length (2027-2032) & (USD Million)

Table 66. World Nonafluorobutane-1-Sulfonic Acid Average Price by Carbon Chain Length (2021-2026) & (US\$/kg)

Table 67. World Nonafluorobutane-1-Sulfonic Acid Average Price by Carbon Chain Length (2027-2032) & (US\$/kg)

Table 68. World Nonafluorobutane-1-Sulfonic Acid Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Nonafluorobutane-1-Sulfonic Acid Production by Application (2021-2026) & (Tons)

Table 70. World Nonafluorobutane-1-Sulfonic Acid Production by Application (2027-2032) & (Tons)

Table 71. World Nonafluorobutane-1-Sulfonic Acid Production Value by Application (2021-2026) & (USD Million)

Table 72. World Nonafluorobutane-1-Sulfonic Acid Production Value by Application (2027-2032) & (USD Million)

Table 73. World Nonafluorobutane-1-Sulfonic Acid Average Price by Application (2021-2026) & (US\$/kg)

Table 74. World Nonafluorobutane-1-Sulfonic Acid Average Price by Application (2027-2032) & (US\$/kg)

Table 75. Mitsubishi Materials Electronic Chemicals Basic Information, Manufacturing Base and Competitors

Table 76. Mitsubishi Materials Electronic Chemicals Major Business

Table 77. Mitsubishi Materials Electronic Chemicals Nonafluorobutane-1-Sulfonic Acid Product and Services

Table 78. Mitsubishi Materials Electronic Chemicals Nonafluorobutane-1-Sulfonic Acid Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Mitsubishi Materials Electronic Chemicals Recent Developments/Updates

Table 80. Mitsubishi Materials Electronic Chemicals Competitive Strengths & Weaknesses

Table 81. Jiangxi Time Pharmaceutical Basic Information, Manufacturing Base and Competitors

Table 82. Jiangxi Time Pharmaceutical Major Business

Table 83. Jiangxi Time Pharmaceutical Nonafluorobutane-1-Sulfonic Acid Product and Services

Table 84. Jiangxi Time Pharmaceutical Nonafluorobutane-1-Sulfonic Acid Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Jiangxi Time Pharmaceutical Recent Developments/Updates

Table 86. Jiangxi Time Pharmaceutical Competitive Strengths & Weaknesses

Table 87. Fujian Tianfu Chemical Basic Information, Manufacturing Base and Competitors

Table 88. Fujian Tianfu Chemical Major Business

Table 89. Fujian Tianfu Chemical Nonafluorobutane-1-Sulfonic Acid Product and Services

Table 90. Fujian Tianfu Chemical Nonafluorobutane-1-Sulfonic Acid Production (Tons), Price (US\$/kg), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Fujian Tianfu Chemical Recent Developments/Updates

Table 92. Fujian Tianfu Chemical Competitive Strengths & Weaknesses

Table 93. Global Key Players of Nonafluorobutane-1-Sulfonic Acid Upstream (Raw Materials)

Table 94. Global Nonafluorobutane-1-Sulfonic Acid Typical Customers

Table 95. Nonafluorobutane-1-Sulfonic Acid Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Nonfluorobutane-1-Sulfonic Acid Picture

Figure 2. World Nonfluorobutane-1-Sulfonic Acid Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Nonfluorobutane-1-Sulfonic Acid Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Nonfluorobutane-1-Sulfonic Acid Production (2021-2032) & (Tons)

Figure 5. World Nonfluorobutane-1-Sulfonic Acid Average Price (2021-2032) & (US\$/kg)

Figure 6. World Nonfluorobutane-1-Sulfonic Acid Production Value Market Share by Region (2021-2032)

Figure 7. World Nonfluorobutane-1-Sulfonic Acid Production Market Share by Region (2021-2032)

Figure 8. China Nonfluorobutane-1-Sulfonic Acid Production (2021-2032) & (Tons)

Figure 9. Japan Nonfluorobutane-1-Sulfonic Acid Production (2021-2032) & (Tons)

Figure 10. Nonfluorobutane-1-Sulfonic Acid Market Drivers

Figure 11. Factors Affecting Demand

Figure 12. World Nonfluorobutane-1-Sulfonic Acid Consumption (2021-2032) & (Tons)

Figure 13. World Nonfluorobutane-1-Sulfonic Acid Consumption Market Share by Region (2021-2032)

Figure 14. United States Nonfluorobutane-1-Sulfonic Acid Consumption (2021-2032) & (Tons)

Figure 15. China Nonfluorobutane-1-Sulfonic Acid Consumption (2021-2032) & (Tons)

Figure 16. Europe Nonfluorobutane-1-Sulfonic Acid Consumption (2021-2032) & (Tons)

Figure 17. Japan Nonfluorobutane-1-Sulfonic Acid Consumption (2021-2032) & (Tons)

Figure 18. South Korea Nonfluorobutane-1-Sulfonic Acid Consumption (2021-2032) & (Tons)

Figure 19. ASEAN Nonfluorobutane-1-Sulfonic Acid Consumption (2021-2032) & (Tons)

Figure 20. India Nonfluorobutane-1-Sulfonic Acid Consumption (2021-2032) & (Tons)

Figure 21. Producer Shipments of Nonfluorobutane-1-Sulfonic Acid by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 22. Global Four-firm Concentration Ratios (CR4) for Nonfluorobutane-1-Sulfonic Acid Markets in 2025

Figure 23. Global Four-firm Concentration Ratios (CR8) for

Nonafluorobutane-1-Sulfonic Acid Markets in 2025

Figure 24. United States VS China: Nonafluorobutane-1-Sulfonic Acid Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 25. United States VS China: Nonafluorobutane-1-Sulfonic Acid Production Market Share Comparison (2021 & 2025 & 2032)

Figure 26. United States VS China: Nonafluorobutane-1-Sulfonic Acid Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States Based Manufacturers Nonafluorobutane-1-Sulfonic Acid Production Market Share 2025

Figure 28. China Based Manufacturers Nonafluorobutane-1-Sulfonic Acid Production Market Share 2025

Figure 29. Rest of World Based Manufacturers Nonafluorobutane-1-Sulfonic Acid Production Market Share 2025

Figure 30. World Nonafluorobutane-1-Sulfonic Acid Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 31. World Nonafluorobutane-1-Sulfonic Acid Production Value Market Share by Type in 2025

Figure 32. 98% Purity

Figure 33. 99% Purity

Figure 34. Other

Figure 35. World Nonafluorobutane-1-Sulfonic Acid Production Market Share by Type (2021-2032)

Figure 36. World Nonafluorobutane-1-Sulfonic Acid Production Value Market Share by Type (2021-2032)

Figure 37. World Nonafluorobutane-1-Sulfonic Acid Average Price by Type (2021-2032) & (US\$/kg)

Figure 38. World Nonafluorobutane-1-Sulfonic Acid Production Value by Grade, (USD Million), 2021 & 2025 & 2032

Figure 39. World Nonafluorobutane-1-Sulfonic Acid Production Value Market Share by Grade in 2025

Figure 40. Industrial Grade

Figure 41. Electronics Grade

Figure 42. World Nonafluorobutane-1-Sulfonic Acid Production Market Share by Grade (2021-2032)

Figure 43. World Nonafluorobutane-1-Sulfonic Acid Production Value Market Share by Grade (2021-2032)

Figure 44. World Nonafluorobutane-1-Sulfonic Acid Average Price by Grade (2021-2032) & (US\$/kg)

Figure 45. World Nonafluorobutane-1-Sulfonic Acid Production Value by Carbon Chain

Length, (USD Million), 2021 & 2025 & 2032

Figure 46. World Nonfluorobutane-1-Sulfonic Acid Production Value Market Share by Carbon Chain Length in 2025

Figure 47. Short Chain PFSA

Figure 48. Long Chain PFSA

Figure 49. World Nonfluorobutane-1-Sulfonic Acid Production Market Share by Carbon Chain Length (2021-2032)

Figure 50. World Nonfluorobutane-1-Sulfonic Acid Production Value Market Share by Carbon Chain Length (2021-2032)

Figure 51. World Nonfluorobutane-1-Sulfonic Acid Average Price by Carbon Chain Length (2021-2032) & (US\$/kg)

Figure 52. World Nonfluorobutane-1-Sulfonic Acid Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 53. World Nonfluorobutane-1-Sulfonic Acid Production Value Market Share by Application in 2025

Figure 54. Water & Stain Repellent Treatments

Figure 55. Metal Plating Mist Suppressant

Figure 56. Microelectronics Etching Solution

Figure 57. Other

Figure 58. World Nonfluorobutane-1-Sulfonic Acid Production Market Share by Application (2021-2032)

Figure 59. World Nonfluorobutane-1-Sulfonic Acid Production Value Market Share by Application (2021-2032)

Figure 60. World Nonfluorobutane-1-Sulfonic Acid Average Price by Application (2021-2032) & (US\$/kg)

Figure 61. Nonfluorobutane-1-Sulfonic Acid Industry Chain

Figure 62. Nonfluorobutane-1-Sulfonic Acid Procurement Model

Figure 63. Nonfluorobutane-1-Sulfonic Acid Sales Model

Figure 64. Nonfluorobutane-1-Sulfonic Acid Sales Channels, Direct Sales, and Distribution

Figure 65. Methodology

Figure 66. Research Process and Data Source

I would like to order

Product name: Global Nonafluorobutane-1-Sulfonic Acid Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G2C39C45DB69EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2C39C45DB69EN.html>