

Silicone Fluids - Company Evaluation Report, 2024

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Report description:

The Silicone Fluids Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Silicone Fluids. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 100 companies, of which the Top 10 Silicone Fluids Companies were categorized and recognized as quadrant leaders.

The silicone fluids market is expanding rapidly, driven by their increasing use across a range of end-use industries, including personal care and beauty, automotive and transportation, building and construction, and textiles. A key growth driver is the rising demand for high-performance lubricants, defoamers, and water-repellent coatings in various applications, where silicone fluids are favored for their exceptional thermal stability, chemical resistance, and low surface tension.

The surge in demand for personal care and cosmetics products is a significant contributor to the growth of the silicone fluids market. Within the personal care and beauty sector, silicone fluids are extensively used in skincare, haircare, and cosmetic formulations as emollients and conditioning agents. The growing consumer preference for premium, multifunctional beauty products continues to propel this demand. The automotive and transportation industry also plays a pivotal role, as silicone fluids are utilized in lubricants, anti-foaming agents, and release agents to improve performance, fuel efficiency, and component longevity. The Asia Pacific region is currently the largest consumer of silicone fluids, led by high demand in China, India, and Japan—regions experiencing robust industrialization, urban growth, and booming automotive and construction sectors. North America, especially the United States, also represents a major market, bolstered by technological advancements in healthcare, personal care, and industrial applications.

The 360 Quadrant maps the Silicone Fluids companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Silicone Fluids quadrant. The top criteria for product footprint evaluation included By TYPE (Straight, Modified), and By END-USE INDUSTRY (Personal Care & Beauty, Textiles, Automotive & Transportation, Industrial, Building & Construction, Other End-Use Industries).

Key players

Key players in the Silicone Fluids market include major global corporations and specialized innovators such as Kcc Corporation, Dow, Shin-Etsu Chemical Co., Ltd., Wacker Chemie Ag, Elkem Asa, Gelest Inc., Evonik Industries Ag, Innospec Inc., Ab Specialty Silicones, and Cht Group. These companies are actively investing in research and development, forming strategic partnerships,

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and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

Top 3 Companies

Dow

Dow is a global leader in the silicone fluids market, offering a comprehensive product portfolio under its Consumer Solutions segment, including brands like XIAMETER and DOWSIL. Dow's strengths lie in its expansive production facilities across 31 countries, which enable it to leverage economies of scale and maintain a substantial market share. The company focuses on innovation across several industries such as construction, electronics, and personal care. Dow's strategic positioning, backed by consistent product development, has fortified its leadership in the market. As part of its future strategy, Dow continues to enhance its offerings to adapt to the evolving demands of industries like healthcare and automotive.

Wacker Chemie AG

Wacker Chemie AG is another leading player, renowned for its innovations in specialty silicones. With a significant focus on the Asian market, the company has augmented its capacity by opening new production facilities, contributing significantly to its revenue. Wacker Chemie AG continuously strengthens its market position through strategic product launches and regional expansions. The company's commitment to sustainability and innovation places it in a favorable position to capitalize on the growing demand in the personal care and automotive sectors.

Shin-Etsu Chemical Co., Ltd.

Shin-Etsu Chemical is a major player, distinguished by its strong market presence in Asia and the US, contributing significantly to its revenue. The company's strategy involves establishing new subsidiaries, as seen with Shin-Etsu Silicone (Pinghu) Co. in China, to tap into burgeoning local markets. Shin-Etsu maintains its competitive edge through continuous R&D, product diversification, and adherence to stringent global regulations. The firm's robust market share is a testament to its strategic investments and technological advancements, catering to industries from automotive to personal care.

Table of Contents:

1	INTRODUCTION	11
1.1	MARKET DEFINITION	11
1.2	INCLUSIONS AND EXCLUSIONS	11
2	EXECUTIVE SUMMARY	12
3	MARKET OVERVIEW	15
3.1	INTRODUCTION	15
3.2	MARKET DYNAMICS	15
3.2.1	DRIVERS	16
3.2.1.1	Growth of automotive sector	16
3.2.1.2	High demand for silicone fluids in personal care & beauty industry	17
3.2.1.3	Superior dielectric properties of silicone fluids	18
3.2.2	RESTRAINTS	18
3.2.2.1	Stringent regulatory standards	18
3.2.2.2	Higher production cost of silicone fluids	18
3.2.3	OPPORTUNITIES	19
3.2.3.1	High potential in healthcare applications	19

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- 3.2.3.2 Increasing competition among market players 19
- 3.2.3.3 Development of bio-based silicone fluids 19
- 3.2.4 CHALLENGES 20
- 3.2.4.1 Fluctuating raw material prices 20
- 3.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS 20
- 3.4 VALUE CHAIN ANALYSIS 21
- 3.4.1 RAW MATERIAL SUPPLIERS 22
- 3.4.2 MANUFACTURERS 22
- 3.4.3 DISTRIBUTORS 23
- 3.4.4 END-USE INDUSTRIES 23
- 3.5 ECOSYSTEM ANALYSIS 23
- 3.6 PATENT ANALYSIS 24
- 3.6.1 INTRODUCTION 24
- 3.6.2 METHODOLOGY 24
- 3.6.3 SILICONE FLUIDS, PATENT ANALYSIS (2014-2024) 25
- 3.7 REGULATORY LANDSCAPE 27
- 3.7.1 REGULATORY BODIES, GOVERNMENT AGENCIES,
AND OTHER ORGANIZATIONS 27
- ?
- 3.8 PORTER'S FIVE FORCES ANALYSIS 30
- 3.8.1 THREAT OF NEW ENTRANTS 31
- 3.8.2 THREAT OF SUBSTITUTES 31
- 3.8.3 BARGAINING POWER OF BUYERS 31
- 3.8.4 BARGAINING POWER OF SUPPLIERS 31
- 3.8.5 INTENSITY OF COMPETITIVE RIVALRY 32
- 4 COMPETITIVE LANDSCAPE 33
- 4.1 OVERVIEW 33
- 4.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2020-2025 33
- 4.3 REVENUE ANALYSIS, 2019-2023 34
- 4.4 MARKET SHARE ANALYSIS, 2023 35
- 4.5 COMPANY VALUATION AND FINANCIAL METRICS, 2025 36
- 4.6 BRAND/PRODUCT COMPARISON ANALYSIS 37
- 4.7 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023 38
- 4.7.1 STARS 38
- 4.7.2 EMERGING LEADERS 38
- 4.7.3 PERVASIVE PLAYERS 39
- 4.7.4 PARTICIPANTS 39
- 4.7.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023 40
- 4.7.5.1 Company footprint 40
- 4.7.5.2 Region footprint 40
- 4.7.5.3 Type footprint 41
- 4.7.5.4 End-use industry footprint 41
- 4.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023 42
- 4.8.1 PROGRESSIVE COMPANIES 42
- 4.8.2 RESPONSIVE COMPANIES 42
- 4.8.3 DYNAMIC COMPANIES 42
- 4.8.4 STARTING BLOCKS 42

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4.8.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023	44
4.8.5.1	Detailed list of key startups/SMEs	44
4.8.5.2	Competitive benchmarking of key startups/SMEs	45
4.9	COMPETITIVE SCENARIO	46
4.9.1	PRODUCT LAUNCHES	46
4.9.2	DEALS	46
4.9.3	EXPANSIONS	48
4.9.4	OTHER DEVELOPMENTS	50
	?	
5	COMPANY PROFILES	51
5.1	KEY PLAYERS	51
5.1.1	KCC CORPORATION	51
5.1.1.1	Business overview	51
5.1.1.2	Products/Solutions/Services offered	52
5.1.1.3	Recent developments	53
5.1.1.3.1	Product launches	53
5.1.1.3.2	Deals	53
5.1.1.4	MnM view	54
5.1.1.4.1	Right to win	54
5.1.1.4.2	Strategic choices	54
5.1.1.4.3	Weaknesses & competitive threats	54
5.1.2	DOW	55
5.1.2.1	Business overview	55
5.1.2.2	Products/Solutions/Services offered	56
5.1.2.3	Recent developments	57
5.1.2.3.1	Expansions	57
5.1.2.4	MnM view	58
5.1.2.4.1	Right to win	58
5.1.2.4.2	Strategic choices	58
5.1.2.4.3	Weaknesses and competitive threats	58
5.1.3	SHIN-ETSU CHEMICAL CO., LTD.	59
5.1.3.1	Business overview	59
5.1.3.2	Products/Solutions/Services offered	60
5.1.3.3	Recent developments	61
5.1.3.3.1	Product launches	61
5.1.3.3.2	Expansions	61
5.1.3.3.3	Other developments	61
5.1.3.4	MnM view	62
5.1.3.4.1	Right to win	62
5.1.3.4.2	Strategic overview	62
5.1.3.4.3	Weaknesses and competitive threats	62
5.1.4	WACKER CHEMIE AG	63
5.1.4.1	Business overview	63
5.1.4.2	Products/Solutions/Services offered	64
5.1.4.3	Recent developments	65
5.1.4.3.1	Deals	65
5.1.4.3.2	Expansions	65

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5.1.4.3.3 Other developments 66
 ?
 5.1.4.4 MnM view 66
 5.1.4.4.1 Right to win 66
 5.1.4.4.2 Strategic choices 66
 5.1.4.4.3 Weaknesses and competitive threats 67
 5.1.5 ELKEM ASA 68
 5.1.5.1 Business overview 68
 5.1.5.2 Products/Solutions/Services offered 69
 5.1.5.3 Recent developments 70
 5.1.5.3.1 Deals 70
 5.1.5.3.2 Expansions 70
 5.1.5.3.3 Other developments 71
 5.1.5.4 MnM view 71
 5.1.5.4.1 Right to win 71
 5.1.5.4.2 Strategic choices 71
 5.1.5.4.3 Weaknesses and competitive threats 72
 5.1.6 GELEST INC. 73
 5.1.6.1 Business overview 73
 5.1.6.2 Products/Solutions/Services Offered 73
 5.1.6.3 Recent developments 74
 5.1.6.3.1 Deals 74
 5.1.6.3.2 Expansions 74
 5.1.7 EVONIK INDUSTRIES AG 75
 5.1.7.1 Business overview 75
 5.1.7.2 Products/Solutions/Services offered 77
 5.1.8 INNOSPEC INC. 78
 5.1.8.1 Business overview 78
 5.1.8.2 Products/Solutions/Services offered 79
 5.1.8.3 Recent developments 80
 5.1.8.3.1 Deals 80
 5.1.9 AB SPECIALTY SILICONES 81
 5.1.9.1 Business overview 81
 5.1.9.2 Products/Solutions/Services offered 81
 5.1.10 CHT GROUP 82
 5.1.10.1 Business overview 82
 5.1.10.2 Products/Solutions/Services offered 82
 5.1.10.3 Recent developments 83
 5.1.10.3.1 Deals 83
 5.2 OTHER PLAYERS 84
 5.2.1 CLEARCO PRODUCTS CO, INC. 84
 5.2.2 BRB INTERNATIONAL B.V. 85
 5.2.3 POLYTEK DEVELOPMENT CORPORATION 85
 5.2.4 D R P SILICONE 86
 5.2.5 SUPREME SILICONES INDIA PVT. LTD. 86
 5.2.6 SAREX 87
 5.2.7 DONGYUE GROUP LTD. 87

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5.2.8	WYNCA GROUP	88
5.2.9	GUANGZHOU JOINTAS CHEMICAL CO., LTD.	88
5.2.10	SHANDONG DAYI CHEMICAL CO., LTD.	89
5.2.11	ADARSHA	89
5.2.12	ZHEJIANG SUCON SILICONE CO., LTD.	90
5.2.13	QINGDAO HENGDA CHEMICAL NEW MATERIAL CO., LTD.	90
5.2.14	GUANGZHOU TINCI MATERIALS TECHNOLOGY CO., LTD.	91
5.2.15	HOSHINE SILICON INDUSTRY CO., LTD.	91
6	APPENDIX	92
6.1	RESEARCH METHODOLOGY	92
6.1.1	RESEARCH DATA	92
6.1.1.1	Secondary data	92
6.1.1.2	Primary data	93
6.1.2	RESEARCH ASSUMPTIONS	93
6.1.3	RISK ASSESSMENT	93
6.2	COMPANY EVALUATION MATRIX: METHODOLOGY	94
6.3	AUTHOR DETAILS	97

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