

High Performance Additives - Company Evaluation Report, 2024

Market Report | 2025-07-01 | 137 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$2650.00
- Corporate License \$4250.00

Report description:

The High-Performance Additives Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for High-Performance Additives. 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 11 High-Performance Additives Companies were categorized and recognized as quadrant leaders.

The high-performance additives market consists of specialized chemical compounds that significantly enhance the mechanical, thermal, and processing properties of materials like polymers, rubber, coatings, and composites. These additives are essential for improving product durability, stability, and resistance to environmental stressors such as UV radiation, heat, and chemicals. Demand for high-performance additives is growing rapidly due to the increasing use of lightweight and advanced materials across various sectors, including automotive, medical, electronics, construction, insulation, and paints & coatings. Their ability to meet stringent industry and regulatory standards makes them vital for improving overall material performance.

The 360 Quadrant maps the High-Performance Additives companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the High-Performance Additives quadrant. The top criteria for product footprint evaluation included By PRODUCT TYPE (Softeners, Stabilizers, Vulcanization Agents, Resins, Fillers, Other Product Types), By FUNCTION (Performance Additives, Processing Additives), and By END-USE INDUSTRY (Medical, Automotive, Other End-Use Industries).

Key Players

Key players in the High-Performance Additives market include major global corporations and specialized innovators such as Basf, Clariant, Evonik Industries Ag, Lanxess, Arkema, Avient Corporation, Solvay, Sabic, Synthomer Plc, Cabot Corporation, and Si Group, Inc. These companies are actively investing in research and development, forming strategic partnerships, 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

BASF

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

BASF has established itself as a leader in the high-performance additives market by maintaining a comprehensive product portfolio that supports a diverse range of applications, including automotive and construction. The company focuses on innovative solutions like Controlled Free Radical Polymerization (CFRP) to enhance performance and reduce environmental impact. BASF's strong financial position allows it to invest heavily in R&D, which fuels continuous product innovation and strategic expansions. With production facilities spread across major geographical regions, BASF ensures a significant market share and positioning globally.

Clariant

Clariant stands out for its commitment to sustainable development and a broad array of high-value, environmentally friendly additives. The company positions itself as a leader by investing in sustainable technologies that meet the stringent requirements of today's markets. Clariant maintains a dynamic approach to market trends, focusing on innovations that drive both performance and sustainability. By leveraging its extensive market knowledge and technological expertise, Clariant enhances its company product portfolio to address diverse industry needs.

Evonik Industries AG

Evonik Industries AG is renowned for its advanced material solutions and sustainable product development. The company emphasizes innovation within its product portfolio, focusing on high-performance and bio-based additives. Through strategic collaborations and expansions, Evonik successfully boosts its market presence and shares. Its robust R&D initiatives support Evonik's objective to remain a leader in creating eco-friendly solutions that align with global environmental goals.

Table of Contents:

| | | |
|---------|--|----|
| 1 | INTRODUCTION | 12 |
| 1.1 | MARKET DEFINITION | 12 |
| 1.2 | STAKEHOLDERS | 12 |
| 2 | EXECUTIVE SUMMARY | 13 |
| 3 | MARKET OVERVIEW | 19 |
| 3.1 | INTRODUCTION | 19 |
| 3.2 | MARKET DYNAMICS | 19 |
| 3.2.1 | DRIVERS | 20 |
| 3.2.1.1 | Improved mechanical strength, wear resistance, thermal stability, and chemical resilience | 20 |
| 3.2.1.2 | Lightweighting and material efficiency in aircraft and heavy vehicles | 20 |
| 3.2.1.3 | High demand as enabler for next-generation healthcare innovations | 21 |
| 3.2.1.4 | High optimizing rolling resistance for EVs to improve battery performance | 22 |
| 3.2.2 | RESTRAINTS | 22 |
| 3.2.2.1 | Development and application complexities | 22 |
| 3.2.3 | OPPORTUNITIES | 23 |
| 3.2.3.1 | Bio-based and sustainable additives driving environmental sustainability without compromising performance efficacy | 23 |
| 3.2.3.2 | AI-optimized additives enabling custom high-performance material formulations | 24 |
| 3.2.4 | CHALLENGES | 25 |
| 3.2.4.1 | Ensuring high performance while adopting sustainable and eco-friendly additive solutions | 25 |
| 3.3 | IMPACT OF GENERATIVE AI | 25 |
| 3.3.1 | INTRODUCTION | 25 |
| 3.4 | IMPACT OF AI ON HIGH-PERFORMANCE ADDITIVES MARKET | 26 |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 4 INDUSTRY TRENDS 27
 - 4.1 INTRODUCTION 27
 - 4.2 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS 27
 - 4.3 VALUE CHAIN ANALYSIS 28
 - 4.3.1 RAW MATERIAL SUPPLIERS 29
 - 4.3.2 MANUFACTURERS 29
 - 4.3.3 COMPOUNDERS AND MASTERBATCH PRODUCERS 29
 - 4.3.4 DISTRIBUTORS AND SUPPLIERS 29
 - 4.3.5 END-USE INDUSTRIES 30
 - ?
 - 4.4 ECOSYSTEM ANALYSIS 30
 - 4.5 TECHNOLOGY ANALYSIS 31
 - 4.5.1 KEY TECHNOLOGIES 32
 - 4.5.2 COMPLEMENTARY TECHNOLOGIES 32
 - 4.5.3 ADJACENT TECHNOLOGIES 33
 - 4.6 CUSTOMER ANALYSIS IN PLASTIC ADDITIVES 33
 - 4.6.1 CUSTOMER ANALYSIS IN PLASTIC ADDITIVES MARKET AT REGIONAL LEVEL 34
 - 4.7 PATENT ANALYSIS 34
 - 4.7.1 METHODOLOGY 34
 - 4.7.2 PATENTS GRANTED WORLDWIDE, 2014-2023 35
 - 4.7.3 PATENT PUBLICATION TRENDS 35
 - 4.7.4 INSIGHTS 35
 - 4.7.5 LEGAL STATUS OF PATENTS 35
 - 4.7.6 JURISDICTION ANALYSIS 36
 - 4.7.7 TOP APPLICANTS 37
 - 4.7.8 LIST OF MAJOR PATENTS 37
 - 4.8 KEY CONFERENCES AND EVENTS, 2025-2026 40
 - 4.9 PORTER'S FIVE FORCES ANALYSIS 40
 - 4.9.1 THREAT OF NEW ENTRANTS 41
 - 4.9.2 THREAT OF SUBSTITUTES 41
 - 4.9.3 BARGAINING POWER OF SUPPLIERS 42
 - 4.9.4 BARGAINING POWER OF BUYERS 42
 - 4.9.5 INTENSITY OF COMPETITIVE RIVALRY 42
 - 5 COMPETITIVE LANDSCAPE 43
 - 5.1 INTRODUCTION 43
 - 5.2 KEY PLAYER STRATEGIES/RIGHT TO WIN 43
 - 5.3 MARKET SHARE ANALYSIS 47
 - 5.4 REVENUE ANALYSIS OF TOP FIVE PLAYERS (2020-2024) 50
 - 5.5 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023 50
 - 5.5.1 STARS 50
 - 5.5.2 EMERGING LEADERS 51
 - 5.5.3 PERVASIVE PLAYERS 51
 - 5.5.4 PARTICIPANTS 51
 - 5.5.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023 52
 - 5.5.5.1 Company footprint 52
 - 5.5.5.2 Region footprint 53
 - 5.5.5.3 Product type footprint 53

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

| | | |
|-----------|--|----|
| 5.5.5.4 | Function footprint | 54 |
| 5.5.5.5 | End-use industry footprint | 54 |
| | ? | |
| 5.6 | COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023 | 55 |
| 5.6.1 | PROGRESSIVE COMPANIES | 55 |
| 5.6.2 | RESPONSIVE COMPANIES | 55 |
| 5.6.3 | DYNAMIC COMPANIES | 55 |
| 5.6.4 | STARTING BLOCKS | 55 |
| 5.6.5 | COMPETITIVE BENCHMARKING | 57 |
| 5.6.5.1 | Detailed list of key startups/SMEs | 57 |
| 5.6.5.2 | Competitive benchmarking of key startups/SMEs | 58 |
| 5.7 | BRAND COMPARISON | 60 |
| 5.8 | COMPANY VALUATION AND FINANCIAL METRICS | 62 |
| 5.9 | COMPETITIVE SCENARIO | 63 |
| 5.9.1 | PRODUCT LAUNCHES | 63 |
| 5.9.2 | DEALS | 64 |
| 5.9.3 | EXPANSIONS | 65 |
| 5.9.4 | OTHER DEVELOPMENTS | 68 |
| 6 | COMPANY PROFILES | 70 |
| 6.1 | KEY PLAYERS | 70 |
| 6.1.1 | BASF | 70 |
| 6.1.1.1 | Business overview | 70 |
| 6.1.1.2 | Products/Solutions/Services offered | 71 |
| 6.1.1.3 | Recent developments | 72 |
| 6.1.1.3.1 | Product launches | 72 |
| 6.1.1.3.2 | Expansions | 73 |
| 6.1.1.3.3 | Others | 73 |
| 6.1.1.4 | MnM view | 74 |
| 6.1.1.4.1 | Right to win | 74 |
| 6.1.1.4.2 | Strategic choices | 74 |
| 6.1.1.4.3 | Weaknesses and competitive threats | 74 |
| 6.1.2 | CLARIANT | 75 |
| 6.1.2.1 | Business overview | 75 |
| 6.1.2.2 | Products/Solutions/Services offered | 76 |
| 6.1.2.3 | Recent developments | 77 |
| 6.1.2.3.1 | Product launches | 77 |
| 6.1.2.4 | MnM view | 78 |
| 6.1.2.4.1 | Key strengths/Right to win | 78 |
| 6.1.2.4.2 | Strategic choices | 78 |
| 6.1.2.4.3 | Weaknesses/Competitive threats | 78 |
| 6.1.3 | EVONIK INDUSTRIES AG | 79 |
| 6.1.3.1 | Business overview | 79 |
| 6.1.3.2 | Products/Solutions/Services offered | 80 |
| | ? | |
| 6.1.3.3 | Recent developments | 82 |
| 6.1.3.3.1 | Deals | 82 |
| 6.1.3.3.2 | Expansions | 82 |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.1.3.4 MnM view 83
- 6.1.3.4.1 Key strengths/Right to win 83
- 6.1.3.4.2 Strategic choices 83
- 6.1.3.4.3 Weaknesses/Competitive threats 83
- 6.1.4 LANXESS 84
- 6.1.4.1 Business overview 84
- 6.1.4.2 Products/Solutions/Services offered 85
- 6.1.4.3 Recent developments 87
- 6.1.4.3.1 Product launches 87
- 6.1.4.4 MnM view 87
- 6.1.4.4.1 Key strengths/Right to win 87
- 6.1.4.4.2 Strategic choices 87
- 6.1.4.4.3 Weaknesses/Competitive threats 87
- 6.1.5 ARKEMA 88
- 6.1.5.1 Business overview 88
- 6.1.5.2 Products/Solutions/Services offered 89
- 6.1.5.3 Recent developments 90
- 6.1.5.3.1 Others 90
- 6.1.5.4 MnM view 91
- 6.1.5.4.1 Right to win 91
- 6.1.5.4.2 Strategic choices 91
- 6.1.5.4.3 Weaknesses and competitive threats 91
- 6.1.6 AVIENT CORPORATION 92
- 6.1.6.1 Business overview 92
- 6.1.6.2 Products/Solutions/Services offered 93
- 6.1.6.3 Recent developments 94
- 6.1.6.3.1 Others 94
- 6.1.6.4 MnM view 94
- 6.1.6.4.1 Right to win 94
- 6.1.6.4.2 Strategic choices 94
- 6.1.6.4.3 Weaknesses and competitive threats 95
- 6.1.7 SOLVAY 96
- 6.1.7.1 Business overview 96
- 6.1.7.2 Products/Solutions/Services offered 97
- 6.1.7.3 Recent developments 98
- 6.1.7.3.1 Deals 98
- 6.1.7.3.2 Expansions 98
- ?
- 6.1.7.4 MnM view 99
- 6.1.7.4.1 Key strengths/Right to win 99
- 6.1.7.4.2 Strategic choices 99
- 6.1.7.4.3 Weaknesses/Competitive threats 99
- 6.1.8 SABIC 100
- 6.1.8.1 Business overview 100
- 6.1.8.2 Products/Solutions/Services offered 101
- 6.1.8.3 MnM view 102
- 6.1.8.3.1 Key strengths 102

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

| | | |
|------------|--|-----|
| 6.1.8.3.2 | Strategic choices | 102 |
| 6.1.8.3.3 | Weaknesses and competitive threats | 102 |
| 6.1.9 | SYNTHOMER PLC | 103 |
| 6.1.9.1 | Business overview | 103 |
| 6.1.9.2 | Products/Solutions/Services offered | 104 |
| 6.1.9.3 | Recent developments | 105 |
| 6.1.9.3.1 | Deals | 105 |
| 6.1.9.4 | MnM view | 105 |
| 6.1.9.4.1 | Key strengths | 105 |
| 6.1.9.4.2 | Strategic choices | 105 |
| 6.1.9.4.3 | Weaknesses and competitive threats | 105 |
| 6.1.10 | CABOT CORPORATION | 106 |
| 6.1.10.1 | Business overview | 106 |
| 6.1.10.2 | Products/Solutions/Services offered | 107 |
| 6.1.10.3 | Recent developments | 108 |
| 6.1.10.3.1 | Product launches | 108 |
| 6.1.10.3.2 | Expansions | 109 |
| 6.1.10.4 | MnM view | 109 |
| 6.1.10.4.1 | Key strengths/Right to win | 109 |
| 6.1.10.4.2 | Strategic choices | 109 |
| 6.1.10.4.3 | Weaknesses/Competitive threats | 109 |
| 6.1.11 | SI GROUP, INC. | 110 |
| 6.1.11.1 | Business overview | 110 |
| 6.1.11.2 | Products/Solutions/Services offered | 110 |
| 6.1.11.3 | Recent developments | 113 |
| 6.1.11.3.1 | Product launches | 113 |
| 6.1.11.3.2 | Expansions | 114 |
| 6.1.11.3.3 | Others | 114 |
| 6.1.11.4 | MnM view | 115 |
| 6.1.11.4.1 | Key strengths/Right to win | 115 |
| 6.1.11.4.2 | Strategic choices | 115 |
| 6.1.11.4.3 | Weaknesses/Competitive threats | 115 |
| ? | | |
| 6.2 | OTHER PLAYERS | 116 |
| 6.2.1 | KEMIPEX | 116 |
| 6.2.2 | FLEXSYS | 117 |
| 6.2.3 | OTSUKA CHEMICAL CO., LTD. | 118 |
| 6.2.4 | KRATON CORPORATION | 119 |
| 6.2.5 | CHINA SUNSINE CHEMICAL HOLDINGS | 120 |
| 6.2.6 | SONGWON | 121 |
| 6.2.7 | TAIZHOU LIANCHENG NEW MATERIAL CO., LTD. | 122 |
| 6.2.8 | BEHN MEYER | 122 |
| 6.2.9 | AVANZARE INNOVACION TECNOLOGICA S.L. | 123 |
| 6.2.10 | SHENYANG SUNNYJOINT CHEMICALS CO., LTD. | 124 |
| 6.2.11 | ALLNEX GMBH | 125 |
| 6.2.12 | SHANDONG STAIR CHEMICAL & TECHNOLOGY CO., LTD. | 126 |
| 6.2.13 | KEMAI CHEMICAL CO., LTD. | 127 |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

| | | |
|---------|--|-----|
| 6.2.14 | NINGBO ACTMIX RUBBER CHEMICALS CO., LTD. | 128 |
| 6.2.15 | VENNOK | 129 |
| 7 | APPENDIX | 130 |
| 7.1 | RESEARCH METHODOLOGY | 130 |
| 7.1.1 | RESEARCH DATA | 130 |
| 7.1.1.1 | Secondary data | 130 |
| 7.1.1.2 | Primary data | 131 |
| 7.1.2 | RESEARCH ASSUMPTIONS | 132 |
| 7.1.3 | GROWTH FORECAST | 133 |
| 7.1.4 | RISK ASSESSMENT | 133 |
| 7.2 | COMPANY EVALUATION MATRIX: METHODOLOGY | 134 |
| 7.3 | AUTHOR DETAILS | 137 |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

High Performance Additives - Company Evaluation Report, 2024

Market Report | 2025-07-01 | 137 pages | MarketsandMarkets

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

ORDER FORM:

| Select license | License | Price |
|----------------|-------------------|-----------|
| | Single User | \$2650.00 |
| | Corporate License | \$4250.00 |
| | | VAT |
| | | Total |

*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

| | | | |
|---------------|----------------------|-------------------------------|---|
| Email* | <input type="text"/> | Phone* | <input type="text"/> |
| First Name* | <input type="text"/> | Last Name* | <input type="text"/> |
| Job title* | <input type="text"/> | | |
| Company Name* | <input type="text"/> | EU Vat / Tax ID / NIP number* | <input type="text"/> |
| Address* | <input type="text"/> | City* | <input type="text"/> |
| Zip Code* | <input type="text"/> | Country* | <input type="text"/> |
| | | Date | <input type="text" value="2026-03-06"/> |
| | | Signature | <input type="text"/> |

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com