

Magnesium Oxide (MgO) Market by Product Type (CCM, DBM, FM), Purity (High, Medium, Low), Source (Natural, Synthetic), Application (Animal Feed, Steel Making & Cement, Glass & Ceramics, Electronics, Pharmaceuticals, Fertilizers) - Global Forecast to 2030

Market Report | 2025-10-17 | 328 pages | MarketsandMarkets

AVAILABLE LICENSES:

- Single User \$4950.00
- Multi User \$6650.00
- Corporate License \$8150.00
- Enterprise Site License \$10000.00

Report description:

The global magnesium oxide (MgO) market is projected to reach USD 6.31 billion by 2030 from USD 5.63 billion in 2025, exhibiting a CAGR of 2.3% from 2025 to 2030. The global market is witnessing robust growth, driven by industrial, construction, and environmental factors. One of the primary drivers is the rapid expansion of the steel and refractory industries, where magnesium oxide is extensively used in furnace linings, ladle coatings, and refractory bricks due to its excellent thermal stability, low reactivity, and durability. Another significant factor is the surge in infrastructure and construction activities, particularly in Asia Pacific and emerging economies. Magnesium oxide-based products, including cement, boards, and panels, are increasingly preferred for their fire resistance, eco-friendliness, and structural strength, aligning with sustainable construction practices.

<https://mnmimg.marketsandmarkets.com/Images/magnesium-oxide-market-img-overview.webp>

"Caustic calcined magnesia segment is projected to exhibit a significant CAGR between 2025 and 2030"

In the global magnesium oxide (MgO) market, the caustic calcined magnesia segment is estimated to record a significant CAGR during the forecast period under product types. The product obtains high reactivity and water solubility by calcining magnesite at lower temperatures than dead-burned magnesia. The unique chemical properties of caustic calcined magnesia (CCM) include high reactivity, excellent neutralization capabilities, and suitability for various industrial applications. The chemical and pharmaceutical industries are among the key users of CCM for pH regulation, wastewater treatment, fertilizer, and medicinal formulations. It is also used in agriculture as a soil conditioner and environmental management for flue gas desulfurization and effluent treatment.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Its acid-neutralizing capabilities and pH stabilization make it the preferred material in all these processes.

"Synthetic segment is likely to hold a commendable share of the magnesium oxide (MgO) market in 2025"

The synthetic magnesium oxide is anticipated to hold the second-largest share of the global magnesium oxide (MgO) market in 2025. Synthetic magnesium oxide is prepared by chemically precipitating various magnesium compounds, such as magnesium hydroxide or magnesium chloride, which is then calcined to obtain high-purity and controlled-grade magnesium oxide. Due to uniform composition, high purity, and tailor-made reactivity, it is the best alternative wherever natural sources do not generally meet the stringent specifications. Due to its high reactivity and consistency in quality, synthetic magnesium oxide finds application in chemical processing, pharmaceuticals, and state-of-the-art battery technologies. It is also beneficial in environmental management, such as treating wastewater and flue gas desulfurization, where acidic compounds must be neutralized. Synthetic magnesium oxide is also gaining prominence in industries such as electronics, ceramics, and specialty coatings, which require exact performance characteristics.

Profile break-up of primary participants for the report:

-□By Company Type: Tier 1 - 45%, Tier 2 - 22%, and Tier 3 - 33%

-□By Designation: C-level Executives - 50%, Directors - 10%, and Others - 40%

-□By Region: North America - 17%, Europe - 33%, Asia Pacific - 17%, Middle East & Africa - 25%, and South America - 8%

Magnezit Group (Russia), RHI Magnesita (Austria), Martin Marietta Magnesia Specialties (US), Grecian Magnesite (Greece), and Haicheng Guangling Refractory Manufacturing Co. LTD (China) are some major players in the magnesium oxide (MgO) market. These players have adopted partnerships and expansions to increase their market share and business revenue.

Research Coverage:

The report defines, segments, and projects the magnesium oxide (MgO) market based on product type, source, grade, form, purity, application, end-use industry, and region. It provides detailed information regarding the major factors influencing the market growth, such as drivers, restraints, opportunities, and challenges. It strategically profiles magnesium oxide manufacturers, comprehensively analyzes their market shares and core competencies, and tracks and analyzes competitive developments they undertake in the market, such as expansions and partnerships.

Reasons to Buy the Report:

The report is expected to help the market leaders/new entrants by providing them with the closest approximations of revenue numbers of the magnesium oxide (MgO) market and its segments. This report is also expected to help stakeholders understand the market's competitive landscape better, gain insights to improve the position of their businesses, and make suitable go-to-market strategies. It also enables stakeholders to understand the market's pulse and provide them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights into the following points:

- Analysis of key drivers (Increasing steel production and rising demand for advanced refractory applications, Extensive use in construction and building materials, Growing applications in advanced ceramics and electronic components), restraints (High production costs, Competition from alternatives), opportunities (Rising adoption in wastewater treatment, Emerging role of magnesium oxide in advanced battery technologies, Expanding applications in food & nutrition industry), and challenges (Quality consistency and technological limitations, Environmental and regulatory pressures) influencing the growth of the magnesium oxide (MgO) market

- Product Development/Innovation: Detailed insights into upcoming technologies, research & development activities in the magnesium oxide (MgO) market

- Market Development: Comprehensive information about lucrative markets-the report analyses the magnesium oxide (MgO) market across varied regions

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Market Diversification: Exhaustive information about new products, various types, untapped geographies, recent developments, and investments in the industrial market

- Competitive Assessment: In-depth assessment of market shares, growth strategies, and product offerings of leading players, such as Magnezit Group (Russia), RHI Magnesita (Austria), Martin Marietta Magnesia Specialties (US), Grecian Magnesite (Greece), Haicheng Guangling Refractory Manufacturing Co. LTD (China), Ube Material Industries, Ltd. (Japan), KUMAS A.S. (Turkey), ICL (Israel), Tateho Chemical Industries Co., Ltd. (Japan), Baymag Inc. (Canada), Nedmag B.V. (Netherlands), Industrias Penoles (Mexico), Paul Rauschert GmbH & Co. KG. (Germany), Konoshima Chemical Co., Ltd. (Japan), Lehmann&Voss&Co. (Germany), LKAB Minerals (Sweden), Omya International AG (Switzerland), Haicheng Jiusheng Refractory Manufacturing Co., Ltd (China), HOLY MAGNESIUM INDUSTRY (DASHIQIAO) CO., LTD. (China), Sino Meir International Co. Ltd. (China), Hebei Meishen Technology Co., Ltd. (China), Nanoshel LLC (US), and Kyowa Chemical Industry Co., Ltd. (Japan)

Table of Contents:

1	INTRODUCTION	32
1.1	STUDY OBJECTIVES	32
1.2	MARKET DEFINITION	32
1.3	MARKET SCOPE	33
1.3.1	INCLUSIONS & EXCLUSIONS	34
1.3.2	YEARS CONSIDERED	34
1.3.3	CURRENCY CONSIDERED	35
1.4	UNITS CONSIDERED	35
1.5	STAKEHOLDERS	35
2	RESEARCH METHODOLOGY	36
2.1	RESEARCH DATA	36
2.1.1	SECONDARY DATA	37
2.1.1.1	Key data from secondary sources	37
2.1.2	PRIMARY DATA	38
2.1.2.1	Key data from primary sources	38
2.1.2.2	Key industry insights	38
2.1.2.3	List of participating companies for primary research	39
2.2	MARKET SIZE ESTIMATION	39
2.3	BASE NUMBER CALCULATION	41
2.3.1	SUPPLY-SIDE APPROACH	41
2.4	DATA TRIANGULATION	41
2.5	GROWTH RATE ASSUMPTIONS/GROWTH FORECAST	42
2.6	ASSUMPTIONS	43
2.7	RISK ASSESSMENT	44
2.7.1	RESEARCH LIMITATIONS	44
3	EXECUTIVE SUMMARY	45
4	PREMIUM INSIGHTS	48
4.1	ATTRACTIVE OPPORTUNITIES IN MAGNESIUM OXIDE MARKET	48
4.2	ASIA PACIFIC: MAGNESIUM OXIDE MARKET, BY APPLICATION AND COUNTRY	49
4.3	MAGNESIUM OXIDE MARKET: MAJOR COUNTRIES	49
5	MARKET OVERVIEW	50
5.1	INTRODUCTION	50
5.2	MARKET DYNAMICS	50

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

?

- 5.2.1 DRIVERS 51
 - 5.2.1.1 Increasing steel production and rising demand for advanced refractory applications 51
 - 5.2.1.2 Extensive use in construction and building materials 52
 - 5.2.1.3 Growing applications in advanced ceramics and electronic components 52
- 5.2.2 RESTRAINTS 53
 - 5.2.2.1 High production costs 53
 - 5.2.2.2 Competition from alternatives 53
- 5.2.3 OPPORTUNITIES 54
 - 5.2.3.1 Rising adoption in wastewater treatment 54
 - 5.2.3.2 Emerging role of magnesium oxide in advanced battery technologies 54
 - 5.2.3.3 Expanding applications in food & nutrition industry 55
- 5.2.4 CHALLENGES 55
 - 5.2.4.1 Quality consistency and technological limitations 55
 - 5.2.4.2 Environmental and regulatory pressures 56
- 5.3 PORTER'S FIVE FORCES ANALYSIS 56
 - 5.3.1 BARGAINING POWER OF SUPPLIERS 57
 - 5.3.1.1 Concentrated supply of magnesite reserves 57
 - 5.3.1.2 Limited alternatives for key raw materials 57
 - 5.3.2 BARGAINING POWER OF BUYERS 57
 - 5.3.2.1 Large volume purchases drive negotiation 57
 - 5.3.2.2 Switching suppliers involves cost and certification 58
 - 5.3.3 THREAT OF SUBSTITUTES 58
 - 5.3.3.1 Cheaper minerals can replace magnesium oxide in certain uses 58
 - 5.3.3.2 Few substitutes for high-purity applications 58
 - 5.3.4 THREAT OF NEW ENTRANTS 58
 - 5.3.4.1 High capital and resource requirements 58
 - 5.3.4.2 Access to raw materials and compliance barriers 59
 - 5.3.5 INTENSITY OF COMPETITIVE RIVALRY 59
 - 5.3.5.1 Price pressure is limited in specialty grades 59
 - 5.3.5.2 Differentiation through product quality and reliability 59
- 5.4 VALUE CHAIN ANALYSIS 59
- 5.5 ECOSYSTEM ANALYSIS 61
- 5.6 PATENT ANALYSIS 62
 - 5.6.1 METHODOLOGY 62
 - 5.6.2 PATENT PUBLICATION TRENDS 62
 - 5.6.3 INSIGHTS 63
 - 5.6.4 JURISDICTION ANALYSIS 63
 - 5.6.4.1 List of major patents 64
- 5.7 PRICING ANALYSIS 66
 - 5.7.1 AVERAGE SELLING PRICE, BY REGION 66
 - 5.7.2 AVERAGE SELLING PRICE OF MAGNESIUM OXIDE, BY KEY PLAYERS 67
 - 5.7.3 AVERAGE SELLING PRICE TREND, BY APPLICATION 68
- 5.8 CASE STUDY ANALYSIS 68
 - 5.8.1 SO? REDUCTION USING HIGHLY-REACTIVE MAGNESIUM OXIDE 68
 - 5.8.1.1 Objective 68
 - 5.8.1.2 Challenge 68

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

5.8.1.3	Solution statement	69
5.8.1.4	Result	69
5.8.2	SYSTEMATIC KINETIC STUDY OF MAGNESIUM PRODUCTION FROM MAGNESIUM OXIDE USING CARBONIC REDUCTANTS	69
5.8.2.1	Objective	69
5.8.2.2	Challenge	70
5.8.2.3	Solution statement	70
5.8.2.4	Result	70
5.8.3	SYNTHESIS AND CHARACTERIZATION OF MAGNESIUM OXIDE NANOPARTICLES BY PRECIPITATION METHOD	70
5.8.3.1	Objective	70
5.8.3.2	Challenge	70
5.8.3.3	Solution statement	71
5.8.3.4	Result	71
5.8.4	HIGH-RECYCLING CONTAINING MAGNESIA-CARBON BRICKS IN HIGH-PERFORMANCE STEELMAKING APPLICATIONS	71
5.8.4.1	Objective	71
5.8.4.2	Challenge	71
5.8.4.3	Solution statement	72
5.8.4.4	Result	72
5.9	INVESTMENT & FUNDING SCENARIO	73
5.10	TRADE ANALYSIS	73
5.10.1	IMPORT SCENARIO	74
5.10.2	EXPORT SCENARIO	75
5.11	KEY STAKEHOLDERS AND BUYING CRITERIA	77
5.11.1	KEY STAKEHOLDERS IN BUYING PROCESS	77
5.11.2	BUYING CRITERIA	78
5.12	KEY CONFERENCES & EVENTS, 2025-2026	78
5.13	REGULATORY LANDSCAPE	79
5.13.1	INTRODUCTION	79
5.13.2	REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS	79
5.13.3	REGULATORY LANDSCAPE	82
5.13.4	NORTH AMERICA	82
5.13.4.1	Toxic Substances Control Act (TSCA)	82
5.13.4.2	Canadian Environmental Protection Act (CEPA)	82
?		
5.13.5	EUROPE	82
5.13.5.1	REACH Regulation	82
5.13.5.2	Industrial Emissions Directive	83
5.13.6	ASIA PACIFIC	83
5.13.6.1	Measures for the Environmental Management of New Chemical Substances	83
5.13.6.2	Bureau of Indian Standards (BIS) Certification under the Bureau of Indian Standards Act, 2016	84
5.13.6.3	Chemical Substances Control Law	84
5.14	TECHNOLOGY ANALYSIS	84
5.14.1	KEY TECHNOLOGIES	84
5.14.1.1	Calcination of natural magnesite and dolomite	84
5.14.1.2	Seawater and brine precipitation route	85
5.14.2	ADJACENT TECHNOLOGIES	86
5.14.2.1	Sol-gel synthesis of magnesium oxide nanomaterials	86

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 5.14.2.2 Thermal decomposition and carbonization 86
- 5.14.3 COMPLEMENTARY TECHNOLOGIES 87
- 5.14.3.1 Surface modification and doping technologies 87
- 5.14.3.2 Carbon capture and utilization (CCU) 88
- 5.15 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS 88
- 5.16 GLOBAL MACROECONOMIC OUTLOOK 89
- 5.16.1 GDP 90
- 5.17 IMPACT OF ARTIFICIAL INTELLIGENCE (AI) ON MAGNESIUM OXIDE MARKET 91
- 5.17.1 MATERIALS DISCOVERY AND PROCESS OPTIMIZATION 91
- 5.17.2 SUPPLY CHAIN AND MARKET FORECASTING 92
- 5.17.3 SUSTAINABILITY AND ENVIRONMENTAL COMPLIANCE 92
- 5.17.4 PRODUCT INNOVATION AND APPLICATIONS 92
- 5.17.5 MARKET COMPETITIVENESS AND STRATEGY 92
- 5.18 IMPACT OF 2025 US TARIFF ON MAGNESIUM OXIDE MARKET 93
- 5.18.1 KEY TARIFF RATES 93
- 5.18.2 PRICE IMPACT ANALYSIS 94
- 5.18.3 IMPACT ON COUNTRIES/REGIONS 95
- 5.18.3.1 US 95
- 5.18.3.2 Europe 95
- 5.18.3.3 Asia Pacific 96
- 5.18.4 IMPACT ON END-USE INDUSTRIES 97
- 5.18.4.1 Construction 97
- 5.18.4.2 Agriculture 97
- 5.18.4.3 Healthcare 97
- 5.18.4.4 Food & beverage 97
- 5.18.4.5 Cosmetics 97
- 5.18.4.6 Other end-use industries 97
- 6 FORMS OF MAGNESIUM OXIDE 98
- 6.1 INTRODUCTION 98
- 6.2 POWDER 98
- 6.2.1 SUPPORTS HIGHER CROP YIELDS TO MEET GROWING GLOBAL FOOD DEMAND 98
- 6.3 GRANULES 98
- 6.3.1 HEAT RESISTANCE AND STRUCTURAL INTEGRITY UNDER HIGH TEMPERATURES TO DRIVE MARKET 98
- 6.4 FLAKES 99
- 6.4.1 GROWING PREFERENCE FOR ADVANCED MATERIALS WITH BALANCED PERFORMANCE AND LONG SERVICE LIFE TO DRIVE DEMAND 99
- 7 PURITY LEVELS OF MAGNESIUM OXIDE 100
- 7.1 INTRODUCTION 100
- 7.2 HIGH PURITY 100
- 7.2.1 RISING DEMAND IN ENVIRONMENTAL AND ENERGY APPLICATIONS TO DRIVE MARKET GROWTH 100
- 7.3 MEDIUM PURITY 100
- 7.3.1 ADOPTION AS NEUTRALIZING AGENT IN WASTEWATER TREATMENT AND FLUE GAS DESULFURIZATION TO DRIVE MARKET 100
- 7.4 LOW PURITY 101
- 7.4.1 NEED FOR AFFORDABLE MATERIALS FOR ROADS, BUILDINGS,

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

AND STEELMAKING TO DRIVE DEMAND 101

8 MAGNESIUM OXIDE MARKET, BY PRODUCT TYPE 102

8.1 INTRODUCTION 103

8.2 CAUSTIC CALCINED MAGNESIA 104

8.2.1 RISING DEMAND FOR SUSTAINABLE AGRICULTURE AND HIGHER CROP YIELDS TO FUEL MARKET GROWTH 104

8.3 DEAD BURNED MAGNESIA 106

8.3.1 RISING STEEL PRODUCTION IN ASIA PACIFIC TO FUEL DEMAND 106

8.4 FUSED MAGNESIA 108

8.4.1 GROWTH IN ELECTRONICS AND RENEWABLE ENERGY SYSTEMS DRIVING DEMAND FOR FUSED MAGNESIA 108

9 MAGNESIUM OXIDE MARKET, BY SOURCE 111

9.1 INTRODUCTION 112

9.2 NATURAL 113

9.2.1 GROWING FOOD DEMAND AND SHIFT TOWARD SUSTAINABLE FARMING PRACTICES TO DRIVE MARKET 113

9.3 SYNTHETIC 114

9.3.1 GROWING DEMAND IN PHARMACEUTICALS, ELECTRONICS, AND SPECIALTY CHEMICALS SECTORS TO DRIVE MARKET 114

?

10 MAGNESIUM OXIDE MARKET, BY GRADE 115

10.1 INTRODUCTION 116

10.2 FOOD GRADE 117

10.2.1 GROWING DEMAND FOR DIETARY SUPPLEMENTS TO DRIVE MARKET GROWTH 117

10.3 PHARMACEUTICAL GRADE 118

10.3.1 RISING PREVALENCE OF GASTROINTESTINAL DISORDERS TO INCREASE CONSUMPTION 118

10.4 INDUSTRIAL GRADE 119

10.4.1 RISING DEMAND FOR AUTOMOTIVE TIRES, INDUSTRIAL RUBBER GOODS, AND PLASTICS TO DRIVE MARKET 119

10.5 REFRACTORY GRADE 120

10.5.1 EXCEPTIONAL THERMAL STABILITY AND CHEMICAL RESISTANCE DRIVING ADOPTION IN HIGH-TEMPERATURE INDUSTRIES 120

11 MAGNESIUM OXIDE MARKET, BY APPLICATION 122

11.1 INTRODUCTION 123

11.2 ANIMAL FEED 124

11.2.1 EXPANSION OF LIVESTOCK FARMING ACTIVITIES TO DRIVE MARKET 124

11.3 STEEL MAKING & CEMENT 125

11.3.1 RAPID EXPANSION OF GLOBAL CONSTRUCTION AND INFRASTRUCTURE DEVELOPMENT TO DRIVE MARKET 125

11.4 GLASS & CERAMICS 127

11.4.1 DEMAND FOR SUSTAINABILITY AND ECO-FRIENDLY SOLUTIONS TO DRIVE MARKET 127

11.5 ELECTRONICS 128

11.5.1 SURGING DEMAND IN SEMICONDUCTORS & ADVANCED ELECTRONICS TO SUPPORT MARKET GROWTH 128

11.6 PHARMACEUTICALS 129

11.6.1 INCREASE IN AGING POPULATION TO SUPPORT MARKET GROWTH 129

11.7 FERTILIZERS 130

11.7.1 INCREASED FOCUS ON CROP QUALITY AND SPECIALTY CROPS SUPPORTING MARKET GROWTH 130

11.8 OTHER APPLICATIONS 131

12 MAGNESIUM OXIDE MARKET, BY END-USE INDUSTRY 133

12.1 INTRODUCTION 134

12.2 FOOD & BEVERAGE 135

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

12.2.1	RISE OF NUTRITIONAL DEFICIENCIES AND HEALTH AWARENESS TO DRIVE MARKET	135
12.3	CONSTRUCTION	136
12.3.1	INCREASED INFRASTRUCTURE SPENDING AND GOVERNMENT INVESTMENT TO FUEL DEMAND	136
	?	
12.4	AGRICULTURE	137
12.4.1	PRODUCTIVITY GAINS AND INNOVATION IN AGRICULTURAL INPUTS TO SUPPORT MARKET GROWTH	137
12.5	HEALTHCARE	138
12.5.1	INCREASE IN LIFESTYLE & ENVIRONMENTAL RISK FACTORS TO PROPEL MARKET	138
12.6	ENVIRONMENTAL	140
12.6.1	INCREASING NEED FOR WASTEWATER TREATMENT SOLUTION TO DRIVE GROWTH	140
12.7	OTHER END-USE INDUSTRIES	141
13	MAGNESIUM OXIDE MARKET, BY REGION	142
13.1	INTRODUCTION	143
13.2	ASIA PACIFIC	145
13.2.1	CHINA	151
13.2.1.1	Expanding steel & refractory industry to drive demand	151
13.2.2	JAPAN	153
13.2.2.1	Growing demand for pharmaceuticals and dietary supplements to propel market	153
13.2.3	INDIA	155
13.2.3.1	Rising demand from agriculture & animal feed industry to drive market	155
13.2.4	SOUTH KOREA	157
13.2.4.1	Rising need for ultra-high purity magnesium oxide in electronics manufacturing to drive market	157
13.2.5	REST OF ASIA PACIFIC	159
13.3	NORTH AMERICA	161
13.3.1	US	167
13.3.1.1	Construction sector boom to drive market growth	167
13.3.2	CANADA	169
13.3.2.1	Sustainability and emission-control measures to increase demand in environmental applications	169
13.3.3	MEXICO	171
13.3.3.1	Need for fire-safe building solutions in hurricane and earthquake-prone regions to support market growth	171
13.4	EUROPE	173
13.4.1	GERMANY	179
13.4.1.1	High demand for use as flame-retardant material to boost market	179
13.4.2	UK	181
13.4.2.1	Growing demand from refractory and metallurgical industries to drive market growth	181
13.4.3	FRANCE	183
13.4.3.1	Technological advancements in production methods to boost market growth	183
	?	
13.4.4	ITALY	185

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

13.4.4.1	Growing emphasis on food security and crop productivity to drive demand	185
13.4.5	SPAIN	187
13.4.5.1	Growth in construction and cement sectors to drive market	187
13.4.6	REST OF EUROPE	189
13.5	SOUTH AMERICA	191
13.5.1	BRAZIL	197
13.5.1.1	Expansion of mining and energy sectors to fuel market growth	197
13.5.2	REST OF SOUTH AMERICA	199
13.6	MIDDLE EAST & AFRICA	201
13.6.1	GCC COUNTRIES	206
13.6.1.1	UAE	207
13.6.1.1.1	Rapid construction and infrastructure expansion to drive market growth	207
13.6.1.2	Rest of GCC Countries	209
13.6.2	SOUTH AFRICA	211
13.6.2.1	Demand in environmental and waste management applications to drive demand	211
13.6.3	REST OF MIDDLE EAST & AFRICA	213
14	COMPETITIVE LANDSCAPE	216
14.1	INTRODUCTION	216
14.2	KEY PLAYERS' STRATEGIES/RIGHT TO WIN	216
14.3	REVENUE ANALYSIS, 2024	217
14.4	MARKET SHARE ANALYSIS, 2024	218
14.5	BRAND/PRODUCT COMPARISON	220
14.6	COMPANY VALUATION AND FINANCIAL METRICS	222
14.7	COMPANY EVALUATION MATRIX: KEY PLAYERS, 2024	224
14.7.1	STARS	224
14.7.2	EMERGING LEADERS	224
14.7.3	PERVASIVE PLAYERS	224
14.7.4	PARTICIPANTS	225
14.7.5	COMPANY FOOTPRINT: KEY PLAYERS, 2024	226
14.7.5.1	Company footprint	226
14.7.5.2	Region footprint	227
14.7.5.3	Product type footprint	228
14.7.5.4	Source footprint	229
14.7.5.5	Grade footprint	231
14.7.5.6	Form footprint	232
14.7.5.7	Purity footprint	233
14.7.5.8	Application footprint	235
14.7.5.9	End-use industry footprint	236
14.8	COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2024	238
14.8.1	PROGRESSIVE COMPANIES	238
14.8.2	RESPONSIVE COMPANIES	238
14.8.3	DYNAMIC COMPANIES	238
14.8.4	STARTING BLOCKS	238
14.8.5	COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2024	240
14.8.5.1	Detailed list of key startups/SMEs	240

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

14.8.5.2	Competitive benchmarking of key startups/SMEs	241
14.9	COMPETITIVE SCENARIO	242
14.9.1	DEALS	242
14.9.2	OTHER DEVELOPMENTS	243
15	COMPANY PROFILES	244
15.1	MAJOR PLAYERS	244
15.1.1	HAICHENG MAGNESITE GROUP CO., LTD.	244
15.1.1.1	Business overview	244
15.1.1.2	Products/Solutions/Services offered	244
15.1.1.3	MnM view	245
15.1.1.3.1	Right to win	245
15.1.1.3.2	Strategic choices	246
15.1.1.3.3	Weaknesses and competitive threats	246
15.1.2	MAGNEZIT GROUP	247
15.1.2.1	Business overview	247
15.1.2.2	Products/Solutions/Services offered	247
15.1.2.3	Recent developments	248
15.1.2.3.1	Other developments	248
15.1.2.4	MnM view	248
15.1.2.4.1	Right to win	248
15.1.2.4.2	Strategic choices	248
15.1.2.4.3	Weaknesses and competitive threats	248
15.1.3	RHI MAGNESITA	249
15.1.3.1	Business overview	249
15.1.3.2	Products/Solutions/Services offered	250
15.1.3.3	Recent developments	251
15.1.3.3.1	Deals	251
15.1.3.4	MnM view	251
15.1.3.4.1	Right to win	251
15.1.3.4.2	Strategic choices	251
15.1.3.4.3	Weaknesses and competitive threats	252
15.1.4	MARTIN MARIETTA MAGNESIA SPECIALTIES	253
15.1.4.1	Business overview	253
15.1.4.2	Products/Solutions/Services offered	254
15.1.4.3	Recent developments	256
15.1.4.3.1	Deals	256
15.1.4.4	MnM view	256
15.1.4.4.1	Right to win	256
15.1.4.4.2	Strategic choices	256
15.1.4.4.3	Weaknesses and competitive threats	256
15.1.5	GRECIAN MAGNESITE	257
15.1.5.1	Business overview	257
15.1.5.2	Products/Solutions/Services offered	257
15.1.5.3	Recent developments	258
15.1.5.3.1	Expansions	258
15.1.5.3.2	Other developments	259
15.1.5.4	MnM view	259

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 15.1.5.4.1 Right to win 259
- 15.1.5.4.2 Strategic choices 259
- 15.1.5.4.3 Weaknesses and competitive threats 259
- 15.1.6 HAICHENG GUANGLING REFRACTORY MANUFACTURING CO. LTD. 260
- 15.1.6.1 Business overview 260
- 15.1.6.2 Products/Solutions/Services offered 260
- 15.1.6.3 MnM view 262
- 15.1.6.3.1 Right to win 262
- 15.1.6.3.2 Strategic choices 262
- 15.1.6.3.3 Weaknesses and competitive threats 262
- 15.1.7 UBE MATERIAL INDUSTRIES, LTD. 263
- 15.1.7.1 Business overview 263
- 15.1.7.2 Products/Solutions/Services offered 264
- 15.1.8 KUMAS A.S. 265
- 15.1.8.1 Business overview 265
- 15.1.8.2 Products/Solutions/Services offered 265
- 15.1.8.3 Recent developments 266
- 15.1.8.3.1 Deals 266
- 15.1.9 ICL 267
- 15.1.9.1 Business overview 267
- 15.1.9.2 Products/Solutions/Services offered 268
- 15.1.10 TATEHO CHEMICAL INDUSTRIES CO., LTD. 269
- 15.1.10.1 Business overview 269
- 15.1.10.2 Products/Solutions/Services offered 269
- 15.1.10.3 Recent developments 272
- 15.1.10.3.1 Deals 272
- 15.1.11 BAYMAG INC. 273
- 15.1.11.1 Business overview 273
- 15.1.11.2 Products/Solutions/Services offered 273
- 15.1.11.3 Recent developments 274
- 15.1.11.3.1 Deals 274
- 15.1.12 NEDMAG B.V. 275
- 15.1.12.1 Business overview 275
- 15.1.12.2 Products/Solutions/Services offered 275
- 15.1.13 INDUSTRIAS PENOLES 276
- 15.1.13.1 Business overview 276
- 15.1.13.2 Products/Solutions/Services offered 277
- 15.1.14 PAUL RAUSCHERT GMBH & CO. KG. 278
- 15.1.14.1 Business overview 278
- 15.1.14.2 Products/Solutions/Services offered 278
- 15.1.14.3 Recent developments 279
- 15.1.14.3.1 Deals 279
- 15.1.15 KONOSHIMA CHEMICAL CO., LTD. 280
- 15.1.15.1 Business overview 280
- 15.1.15.2 Products/Solutions/Services offered 281
- 15.1.16 LEHMANN&VOSS&CO. 282
- 15.1.16.1 Business overview 282

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 15.1.16.2 Products/Solutions/Services offered 282
- 15.1.16.3 Recent developments 283
 - 15.1.16.3.1 Expansions 283
- 15.1.17 LKAB MINERALS 285
 - 15.1.17.1 Business overview 285
 - 15.1.17.2 Products/Solutions/Services offered 286
- 15.1.18 OMYA INTERNATIONAL AG 287
 - 15.1.18.1 Business overview 287
 - 15.1.18.2 Products/Solutions/Services offered 287
- 15.1.19 HAICHENG JIUSHENG REFRACTORY MANUFACTURING CO., LTD. 288
 - 15.1.19.1 Business overview 288
 - 15.1.19.2 Products/Solutions/Services offered 288
- 15.1.20 HOLY MAGNESIUM INDUSTRY (DASHIQIAO) CO., LTD. 289
 - 15.1.20.1 Business overview 289
 - 15.1.20.2 Products/Solutions/Services offered 290
- 15.1.21 SINO MEIR INTERNATIONAL CO., LTD. 291
 - 15.1.21.1 Business overview 291
 - 15.1.21.2 Products/Solutions/Services offered 291
- 15.1.22 HEBEI MEISHEN TECHNOLOGY CO., LTD. 292
 - 15.1.22.1 Business overview 292
 - 15.1.22.2 Products/Solutions/Services offered 292
- 15.1.23 NANOSHEL LLC 294
 - 15.1.23.1 Business overview 294
 - 15.1.23.2 Products/Solutions/Services offered 294
- 15.1.24 KYOWA CHEMICAL INDUSTRY CO., LTD. 295
 - 15.1.24.1 Business overview 295
 - 15.1.24.2 Products/Solutions/Services offered 295
- 15.1.25 IBAR NORDESTE 296
 - 15.1.25.1 Business overview 296
 - 15.1.25.2 Products/Solutions/Services offered 296
- 15.1.26 TIMAB MAGNESIUM 297
 - 15.1.26.1 Business overview 297
 - 15.1.26.2 Products/Solutions/Services offered 297
 - 15.1.26.3 Recent developments 298
 - 15.1.26.3.1 Deals 298
- 15.1.27 YINGKOU MAGNESITE CHEMICAL IND GROUP CO., LTD. 299
 - 15.1.27.1 Business overview 299
 - 15.1.27.2 Products/Solutions/Services offered 299
- 15.1.28 PRCO AMERICA 300
 - 15.1.28.1 Business overview 300
 - 15.1.28.2 Products/Solutions/Services offered 300
 - 15.1.28.3 Recent developments 302
 - 15.1.28.3.1 Deals 302
 - 15.1.28.3.2 Expansions 302
- 15.1.29 QMAG PTY LIMITED 303
 - 15.1.29.1 Business overview 303
 - 15.1.29.2 Products/Solutions/Services offered 303

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

15.1.29.3	Recent developments	304
15.1.29.3.1	Deals	304
15.1.30	HONGYE CHEMICAL	305
15.1.30.1	Business overview	305
15.1.30.2	Products/Solutions/Services offered	305
15.1.31	LIAONING HONGYU REFRACTORY GROUP CO., LTD.	306
15.1.31.1	Business overview	306
15.1.31.2	Products/Solutions/Services offered	306
15.1.32	YINGKOU MAGNESITE MINING CO., LTD.	308
15.1.32.1	Business overview	308
15.1.32.2	Products/Solutions/Services offered	308
15.2	OTHER PLAYERS	310
15.2.1	STAR GRACE MINING CO., LTD.	310
15.2.2	AMERICAN ELEMENTS	311
15.2.3	LORAD CHEMICAL CORPORATION	312
15.2.4	GARRISON MINERALS, LLC	313
15.2.5	CHIMAG	314
15.2.6	FENGCHEN GROUP CO., LTD.	315
15.2.7	LATROBE MAGNESIUM	316
15.2.8	DANDONG XINYANG MINERAL CO., LTD.	317
15.2.9	YINGKOU SANHUA CHEMICAL CO., LTD.	318
16	ADJACENT AND RELATED MARKETS	319
16.1	INTRODUCTION	319
16.2	LIMITATIONS	319
16.3	INTERCONNECTED MARKETS	319
16.3.1	REFRACTORIES MARKET	319
16.3.1.1	Market definition	319
16.3.1.2	Market overview	319
16.4	REFRACTORIES MARKET, BY FORM	320
16.4.1	SHAPED REFRACTORIES	321
16.4.1.1	Increasing demand from boilers, nuclear reactors, and cement kilns to drive demand	321
16.4.2	UNSHAPED REFRACTORIES	321
16.4.2.1	Offers ease-of-use and better volume stability	321
17	APPENDIX	322
17.1	DISCUSSION GUIDE	322
17.2	KNOWLEDGESTORE: MARKETSandMARKETS? SUBSCRIPTION PORTAL	324
17.3	CUSTOMIZATION OPTIONS	326
17.4	RELATED REPORTS	326
17.5	AUTHOR DETAILS	327

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Magnesium Oxide (MgO) Market by Product Type (CCM, DBM, FM), Purity (High, Medium, Low), Source (Natural, Synthetic), Application (Animal Feed, Steel Making & Cement, Glass & Ceramics, Electronics, Pharmaceuticals, Fertilizers) - Global Forecast to 2030

Market Report | 2025-10-17 | 328 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	\$4950.00
	Multi User	\$6650.00
	Corporate License	\$8150.00
	Enterprise Site License	\$10000.00
		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"/>

Scotts International. EU Vat number: PL 6772247784

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

www.scott's-international.com

Zip Code*

Country*

Date

2026-03-03

Signature

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com