Global Chemical Companies Growth Strategies: Chemical Companies: Trends, M&A Activity and Future Outlook

The \$3 trillion global chemical industry had a major setback in 2009. The US economic recession, exacerbated by the credit crisis had spread to all regions around the world. This was largely reflected among the major chemical manufacturers most of which had a significant decline in sales over 2008. Moreover, many chemical customers also reduced their purchases in the face of slower end market demand and reduced inventories in response to the adverse impact of the recent economic downturn.

"Global Chemical Companies Growth Strategies" identifies and evaluates the key growth strategies for the global chemical industry and their impact on other sectors. This report also investigates the recent trends, opportunities, and challenges of the leading chemical players in the global chemical industry. The emerging trends, priorities and strategies of investors are also described to help entrepreneurs target the right type of investor and communicate their value proposition in the best possible manner.

Key Features

- Market segmentation and global distribution by region.
- Consolidation within the chemical industry including key M&A strategies.
- Key deals and alliances between 2008 and June 2010.
- Key trends and opportunities in the global chemicals market.
- Strategic growth analysis of leading companies in chemical markets across the globe.
- Future outlook of the global chemical industry.

Scope

- Gain a detailed overview of M&A activity, key partnerships and alliances, and their impact on the global chemical industry.
- Assess the growth strategies of the global chemical market, including the role played by key societies and associations, market segmentation, and case studies.

- Understand the major issues affecting the global chemical industry.
- Evaluate the growth strategies of key chemical players in the global chemical industry.
- Understand the key drivers and resistors to growth for chemical companies.

Key Market Issues

- Transitioning from commodities to specialties is taking place as many chemical companies across the globe shift their focus. However, for many European companies, this shift was a necessity rather than advancement, due to the high cost of raw materials. Specialty chemical producers provide eloquent, high value solutions to a number of niche segments. During the 2008–2009 period, Rohm & Haas and Ciba's acquisition by Dow and BASF respectively, showed an increasing focus on specialties (in search of improved profitability margins).
- Leading chemical manufacturers are entering emerging markets through joint ventures or acquisitions (mainly in the Middle East to gain access to feedstocks, and in China and India to develop a local market presence). The most successful chemical producers in the near future are likely to be those that embrace the changing dynamics in the global chemical industry and effectively position themselves in emerging markets.
- Chemical companies have started to increase their customer relationships through strategic partnerships and joint initiatives with researchers, engineers, and other professionals from different companies, working on collaborative research and development projects. Moreover, chemical manufacturers need to keep their sales force engaged to drive value through strong customer relationships, rather than simply getting drawn into competition with lower-cost rival producers. For instance, BASF introduced a global Non Conformance Management System (NCM) in 2009, which records and investigates customers' problems with their products and processes.

Key Findings

- Overall activity in the global chemical industry (which is \$3 trillion in size) fell by 4.6% in 2009.
- The Middle East chemical industry is currently experiencing significant growth, mainly in the specialty sector. The region has historically concentrated on oil production, but more recently many companies have started to build their own chemical production facilities in the region.
- Although specialty chemical companies were hard hit by the recent economic downturn, many of the US and European chemical companies are still focused on this sector, as specialty products are more profitable than commodity chemicals in the longer term.
- Mergers and acquisitions form an integral part of the global chemical industry. More recently, many chemical companies have started to focus on cross-border M&A activities in Asia.
- Managing and rationalizing existing assets in the EU and investing in new facilities in emerging and fast growing markets has been a key trend in the global chemicals sector recently. Growth in Western Europe started to decline in recent years, making Asia, the Middle East, and Latin America the new markets driving growth.
- The Asian chemical market is highly fragmented and is still dominated by a plethora of relatively small players in terms of market capitalization. Thus, they present attractive takeover targets for many European and US chemical players.

Key Questions Answered

- What are the recent trends in global chemical industry?
- What are the key growth strategies for major players in the global chemical market?
- Which companies will drive the future of the global chemical market?

- How will the new healthcare reforms and climate change protocols impact the global chemical industry?
- Which are the key areas of focus for both commodity and specialty chemicals?
- What are the roles of key organizations (societies and associations) in the global chemical industry?

Table of Contents

Global Growth Strategies for Chemical Companies

Executive summary 10

An overview of the chemical industry 10

Market segmentation 11

Consolidation within the chemical industry 12

Growth strategies for the chemical market 13

Growth strategies of key chemical players 14

Chapter 1 Introduction 16

What is the report about? 16

Chapter 2 An overview of the chemical industry 18

Summary 18

Overview of the global chemical industry 19

Characteristics of the chemical industry 20

Key organizations in the chemical industry 21

The American Chemistry Council (ACC) 21

The American Chemical Society (ACS) 22

Cefic – European Chemical Industry Council 22

The European Association of Chemical Distributors (FECC) 23

The International Council of Chemical Associations (ICCA) 23

The International Council of Chemical Trade Associations (ICCTA) 23

Global distribution by region 24

European chemical industry 24

US chemical industry 26

The Asia-Pacific chemical industry 27

The Chinese chemical industry 27

The Indian chemical industry 29

The Japanese chemical industry 31

The Middle East chemical industry 32

The Latin American chemical industry 34

Chapter 3 Market segmentation 38

Summary 38

Introduction 39

Commodity chemicals 39

Impact of commodity chemicals on the global chemical industry 40

Key areas of focus for commodity chemical companies 41

Specialty chemicals 41

Impact of specialty chemicals on global chemical industry 42

Key areas of focus for specialty chemical companies 43

Fine chemicals – an overview 44

Global chemical shipments/output by region 45

Recent adjustments in the supply side, post recession 46

Chapter 4 Consolidation within the chemical industry 50

Summary 50

Introduction 51

M&A strategies 51

Major focus on China and the Middle East 52

Saudi Arabia and Abu Dhabi's strong presence 52

China – the other key destination 53

Restructuring of chemical production 54

Recent key deals 55

Future outlook of global chemical deals 55

New healthcare reforms and climate change protocols 57

Commodity price fluctuation 57

Private equity firms in M&As 57

Case study insights 58

Mitsubishi Chemicals and Asahi Kasei's joint venture company – May 2010 58

Mitsubishi Rayon and SABIC's joint venture – August 2009 58

Dow Chemicals and Denbury's MoU – November 2009 59

Evonik's precious metal powder catalyst acquisition from Ravindra Heraeus –

June 2010 59

Chapter 5 Growth strategies for the chemical market 62

Summary 62

Introduction 63

Recent trends in the global chemical industry 63

Advancement from commodities to specialties 63

Establishing customer relationships 64

Developing joint ventures in emerging markets 64

Investment in biotechnology 64

Shifting manufacturing units to emerging and fast growing markets 65

Higher oil prices will drive the pricing trends of chemicals 66

Global policies to curb greenhouse gas emissions 66

Renewable energy initiatives 68

Petrochemical shift in emerging countries 69

ICCA's GMP guidelines 70

Potential benefits of the guidelines 71

Future outlook of the global chemical industry 72

Industry leaders' predictions for 2010 73

Chapter 6 Growth strategies of key chemical players 76

Summary 76

Introduction 77

Leading chemical players by emerging region 78

Key players and their growth strategies 79

BASF 79

Leading supplier of chemical intermediates 79

Concept of Verbund, an innovative approach 79

Diversified product portfolio 79

Changing focus from commodity chemicals to specialty category 80

DSM 80

Increasing R&D activity in emerging markets 80

Micro reactors: a new technology for pharmaceutical production 81

Dow Chemicals 81

Targeting high-growth sectors with new products and technologies 81

Innovation in healthcare, energy, and consumerism 81

Commitment to inventory lifecycle analysis 82

Evonik Chemicals 83

Specialty chemicals remain a key focus area for Evonik 83

Strong commitment to custom manufacturing business 83

Saudi Basic Industries Corporation (SABIC) 83

Strong research and technology capabilities 83

Strengthening its ties with emerging countries like China 84

Lonza 84

Chemical manufacturing continues to strengthen its technology platform 84

Continued business partnerships with biopharmaceutical and chemical companies 85

Lanxess 86

Expansion in BRIC countries to strengthen business activity in the coming years 86

Custom manufacturing remains key for Lanxess's fine chemical subsidiary (Saltigo) in

Japan 86

Largest rubber chemicals production site in India 86

Sigma-Aldrich 87

Targeting high-growth life-sciences segment with new products and technology 87

Partnerships and alliances continues to be a key strategy to expand its business portfolio

87

Strong focus on emerging markets to increase customer base 88

Mitsubishi Chemical Holdings 89

Prioritizing next-generation growth businesses 89

Increasing competitiveness in petrochemical sector 89

Sumitomo Chemicals 90

Strong response to EU's REACH legislation for chemicals 90

Creation of next generation chemical safety information management database 90

Significant progress on major R&D projects 90

Pursuing a new strategy of creative hybrid chemistry 91

Appendix 92

Glossary 92

Index 95

List of Figures

- Figure 2.1: Global chemical sales share by regional distribution, 1997 vs 2007 24
- Figure 2.2: Sectoral breakdown of EU chemical industry sales, 2007 25
- Figure 3.3: Global chemicals and their use in different sectors 39
- Figure 4.4: Regional trends in global chemical M&As, Jan 2008 to June 2010 56

List of Tables

- Table 3.1: Global chemical shipments (\$bn) in major countries, 2001-08 46
- Table 4.2: Major chemical deals, Jan 2008 to June 2010 55
- Table 6.3: Top five chemical companies by emerging region, 2008 78