Explosives - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Explosives in Metric Tons and in US$ Million by the following Product Segments: Blasting Agents, Propellants, Pyrotechnics, and Other Explosives. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East & Africa, and Latin American.

Annual estimates and forecasts are provided for the period 2015 through 2022. Also, a six-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 72 companies including many key and niche players such as -

- AEL Mining Services
- Austin Powder Company
- Chemring Group PLC
- Enaex SA
- EPC Groupe

Contents:

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
   Study Reliability and Reporting Limitations
   Disclaimers
   Data Interpretation & Reporting Level
   Quantitative Techniques & Analytics
   Product Definitions and Scope of Study
   Blasting Agents
   Ammonium Nitrate-Fuel Oil (ANFO)
   Water Explosives
   Propellants
   Pyrotechnics
   Other Explosives

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
   Explosives Market in Review
   Market Dynamics
   Outlook
   Industry Structure
   Global Explosives Manufacturers and their Geographic Presence
   Table 1: Leading Players in the Global Explosives Market (2014): Percentage Share Breakdown of Sales for Orica Mining Services, Incitec /Dyno Nobel, AECI, Austin Powder, Maxam, and Others (includes corresponding Graph/Chart)
   Improving Infrastructure Activity to Spur Demand for Explosives
   Table 2: World Infrastructure Spending in US$ Trillion by Select Regions (2015-2030) (includes corresponding Graph/Chart)
   Under-Developed and Developing Countries Drive Growth
   Table 3: World Explosives Market by End-Use Sector (2016): Market Share Range of Volume Sales for Explosives in Mining & Quarrying, Construction and Other Sectors
   Rising Steel Production in Developing Countries to Boost Market Prospects for Explosives
   Table 4: World Crude Steel Production in Million Metric Tons for 2013-2015 (includes corresponding Graph/Chart)
   Table 5: Production of Crude Steel (2013-2015): Production in Million Metric Tons by Region for NAFTA, South America, Asia/Oceania, and EU-28 (includes corresponding Graph/Chart)
Table 6: Global Crude Steel Market (2014 & 2015): Percentage Breakdown of Volume Production by Country (includes corresponding Graph/Chart)

Increase in Coal-Fired Thermal Power Generation Buys Explosives Demand

Table 7: Global Coal/Peat Based Thermal Power Production by Country (2014): Percentage Breakdown of Unit Electricity Generation for China, US, India, Japan, Germany, South Africa, South Korea, and Rest of World (includes corresponding Graph/Chart)

Table 8: Coal Fuel as a Percentage of Total Electricity Generation in Select Countries for 2012 (includes corresponding Graph/Chart)

Key Export and Import Statistics

Table 9: Global Exports of Explosives, Pyrotechnics, Matches, Pyrophorics and Combustible Preparations (2015): Percentage Breakdown of Export Value by Country of Export (includes corresponding Graph/Chart)

Table 10: Global Imports of Explosives, Pyrotechnics, Matches, Pyrophorics and Combustible Preparations (2015): Percentage Breakdown of Import Value by Country of Import (includes corresponding Graph/Chart)

Table 11: Global Exports of Prepared Explosives (Excluding Propellant Powders) (2015): Percentage Breakdown of Export Value by Country of Export (includes corresponding Graph/Chart)

Table 12: Global Imports of Prepared Explosives (Excluding Propellant Powders) (2015): Percentage Breakdown of Import Value by Country of Import (includes corresponding Graph/Chart)

Table 13: Global Exports of Propellant Powders (2015): Percentage Breakdown of Export Value by Country of Export (includes corresponding Graph/Chart)

Table 14: Global Imports of Propellant Powders (2015): Percentage Breakdown of Import Value by Country of Import (includes corresponding Graph/Chart)

2. MARKET TRENDS

Commercial Explosives Demand in Mining and Construction Increases

Large-Scale Mining Activities Propel Mining Explosives Market

Industrial Explosives Market Maintains Momentum

Demand from Asia and Americas on the Rise

Competitive Landscape

Evolution of Industries Drives the Market for Civil Explosives

Futuristic Trends

Explosives and Pyrotechnics Market to Post Decent Growth

Nitrogen Compounds Reign over Global Explosives Market

Industry Moves towards New Blasting Methods

Emerging Trends in Fireworks Market

Silent Fireworks

Daytime Fireworks

Bluer Blues

3-D Choreography

Developments in Drill and Blast Technology Driving Efficiency and Safety in Fireworks Displays

Improved Software

State-of-the-Art Drill Equipment

Innovative Explosives

Superior Detonation

Safety to Drive Future Innovation

Variable Prices Affect Explosives Market

Restriction on Transportation of Explosives Drives Localization of Manufacturing Activities

Explosive Manufacturers Unaffected by External Competition

3. PRODUCT OVERVIEW

Product Definition

Types of Explosions

History and Development of Explosives

Development of Emulsions

Applications

Explosive Bonding

Explosive Rivets

Market Segmentation based on Composition

Blasting Agents

Ammonium Nitrate

Ammonium Nitrate-Fuel Oil (ANFO)

Water Explosives

Over-break Control

A Key Blasting Technique
Line Drilling
Pre Splitting
Trim Blasting
Propellants
Pyrotechnics
Other Explosives
Explosives Classification based on Functionality
A. Initiating Explosives
  Lead Azide
  Lead Styphnate
  Mercury Fulminate
  Tetracene
B. Boostering Explosives
  PETN
  Tetryl
  RDX
  CH-6
C. Bursting Charge Explosives
  Amatol
  Ammonium Picrate
  DBX
  HBX
  HMX Compositions
  Picratol
  Picric Acid
  RDX Compositions
  Tetrytol
  TNT
  Torpex
  Trigonol
  Plastic Bonded Explosives
D. Propellants and Other Explosives
  Black Powder
Manufacturing Process
  Ignition
  Safety Fuse
  Applications
  Nitroglycerine
  Applications
  Dynamite
  Notable Projects Involving Explosives
  Low-Freezing Dynamite
  Solid Propellants
  Other Explosive Types
  A Review
  Liquid Oxygen Explosives
  Nitramon/Nitramex Explosives
  Chlorates/Perchlorates
  Sprengel Explosives
  Nitrostarch Explosives
  Modern High Explosives
  Nitrocellulosic Explosives
  Blasting Caps
  Electrical Firing
  Electrical Blasting Machines
  Ignition Systems
  Delay Systems
  Detonating Cord
  Military Explosives
  A Brief Overview
  TNT
  Picric Acid/Ammonium Picrate
  Shaped Charges
Classification Based on Rate of Decomposition
- High Explosives
- Low Explosives

Classification Based on Composition
- Explosive Mixtures
- Explosive Compounds

Classification Based on Service Use
- Propellants and Impulse Explosives
- Disrupting or Bursting Explosives
- Initiating Explosives
- Auxiliary Explosives
- Pyrotechnic Substances

4. RECENT INDUSTRY ACTIVITY
- EPC Group Acquires Nordex
- SSE Purchases Orica's European Downstream Explosives Business
- Orica and Yara joint Venture Develops Ammonium Nitrate Plant in Western Australia
- EURENCO Renews Partnership with Saab for Supply of Propellants and Explosives
- Orica and Thales Enter into Long Term Contract to Develop Explosive Boosters in Australia
- Hanwha Acquires LDE Corporation
- Orbital Sciences and Alliant Techsystems' Aerospace and Defense Groups Marge to Form Orbital ATK
- Nordex Signs Agreement with Alamos for Supply of Explosive Products
- MAXAM North America Adds New Emulsion Plant in New York
- PhosAgro and Orica Sign Long Term Contract for Emulsion Explosives Supply and Drilling & Blasting Works
- Orica Commissions Modern Emulsion Explosives Plant to Supply PhosAgro
- Nordex Explosives Enters into Agreement with the Pacific Group of Companies
- Chemring Energetics Signs Multi-Year Agreement with Martin-Baker
- Orica Inks ROG Mining Services Contract with Sydvaranger Gruve

5. FOCUS ON SELECT PLAYERS
- AEL Mining Services (South Africa)
- Austin Powder Company (US)
- Chemring Group PLC (UK)
- Enaex SA (Chile)
- EPC Groupe (France)
- EPC-UK (UK)
- Hanwha Corporation (South Korea)
- Incitec Pivot Limited (Australia)
- Dyno Nobel (US)
- MaxamCorp Holding, S.L. (Spain)
- NOF Corp. (Japan)
- Orica Ltd. (Australia)
- Solar Group (India)
- TITANOBEL SAS (France)

6. GLOBAL MARKET PERSPECTIVE
Global Explosives Market: Volume Analytics
Table 15: World Recent Past, Current & Future Analysis for Explosives by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets
Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022
(includes corresponding Graph/Chart)

Table 16: World Historic Review for Explosives by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets
Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014
(includes corresponding Graph/Chart)

Table 17: World 14-Year Perspective for Explosives by Geographic Region
Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets for Years 2009, 2016 & 2022
(includes corresponding Graph/Chart)

Global Market by Segment: Volume Analytics
Table 18: World Recent Past, Current & Future Analysis for Blasting Agents by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East & Africa, and Latin American Markets
Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022
### III. MARKET

1. THE UNITED STATES

A. Market Analysis
Overview

Historic Review

Competitive Scenario

Table 33: Leading Players in the US Explosives Market (2013-Historic Review): Percentage Breakdown of Sales for Incitec Pivot Ltd., Orica and Others (includes corresponding Graph/Chart)

Natural Gas Erodes Opportunities from Coal Industry

Table 34: US Electricity Generation (In Millions of Megawatts Hours) for the Year 2015: Coal Vs. Natural Gas (includes corresponding Graph/Chart)

Table 35: US Electricity Generation Capacity Mix (2016): Percentage Breakdown by Fuel Type (includes corresponding Graph/Chart)

Coal Industry: A Key End-Use Industry

Table 36: Coal Production in the US (2013-2016E) (in Million Short Tons) (includes corresponding Graph/Chart)

Table 37: Leading Coal Mines in the US by Production in Million Short Tons (2015) (includes corresponding Graph/Chart)

Table 38: Leading Coal Mining Regions in the US (2015) (includes corresponding Graph/Chart)

Future Possibilities

Locusts Sniffing out Explosives

Regulatory Environment

Bureau of Alcohol, Tobacco, Firearms and Explosives Directives

Institute of Makers of Explosives

Regulations to Safeguard Utilization of Ammonium Nitrate

Permissible Explosives in Coal Mines

Export/Import Statistics

Explosives, Matches and Other Miscellaneous Combustible Preparations

Table 39: US Exports of Explosives, Matches and Other Miscellaneous Combustible Preparations (2015) Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)

Table 40: US Imports of Explosives, Matches and Other Miscellaneous Combustible Preparations (2015) Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

Prepared Explosives (Excluding Propellant Powders)

Table 41: US Exports of Prepared Explosives (Excluding Propellant Powders) (2015) Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)


Propellant Powders (including Gunpowder)

Table 43: US Exports of Propellant Powders (including Gunpowder) (2015) Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)

Table 44: US Imports of Propellant Powders (including Gunpowder) (2015) Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

Strategic Corporate Development

Select Players

B. Market Analytics

US Explosives Market by Segment: Volume Analytics

Table 45: US Recent Past, Current & Future Analysis for Explosives by Segment Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 46: US Historic Review for Explosives by Segment Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 47: US 14-Year Perspective for Explosives by Segment Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2022 (includes corresponding Graph/Chart)

US Explosives Market by End-Use Industry: Volume Analytics

Table 48: US Recent Past, Current & Future Analysis for Explosives by End-Use Industry Mining (Coal, Mineral, and Metal), Construction, and Other Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 49: US Historic Review for Explosives by End-Use Industry Mining (Coal, Mineral, and Metal), Construction, and Other Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 50: US 14-Year Perspective for Explosives by End-Use Industry Percentage Breakdown of Volume Consumption for Mining (Coal, Mineral, and Metal), Construction, and
Other Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
US Explosives Market: Value Analytics
Table 51: US Recent Past, Current & Future Analysis for Explosives
Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 52: US Historic Review for Explosives
Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
   Outlook
   Mining Industry
   A Brief Note
   Export/Import Statistics
   Explosives, Matches and Other Miscellaneous Combustible Preparations
   Table 53: Canadian Exports of Explosives, Matches and Other Miscellaneous Combustible Preparations (2015)
   Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)
   Table 54: Canadian Imports of Explosives, Matches and Other Miscellaneous Combustible Preparations (2015)
   Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)
   Prepared Explosives (Excluding Propellant Powders)
   Table 55: Canadian Exports of Prepared Explosives (Excluding Propellant Powders) (2015)
   Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)
   Table 56: Canadian Imports of Prepared Explosives (Excluding Propellant Powders) (2015)
   Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)
   Propellant Powders (including Gunpowder)
   Table 57: Canadian Exports of Propellant Powders (including Gunpowder) (2015)
   Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)
   Table 58: Canadian Imports of Propellant Powders (including Gunpowder) (2015)
   Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)
   Strategic Corporate Developments
   B. Market Analytics
   Canadian Explosives Market by Segment: Volume Analytics
   Table 59: Canadian Recent Past, Current & Future Analysis for Explosives by Segment
   Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with
   Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
   Table 60: Canadian Historic Review for Explosives by Segment
   Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with
   Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
   Table 61: Canadian 14-Year Perspective for Explosives by Segment
   Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other
   Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
   Canadian Explosives Market: Value Analytics
   Table 62: Canadian Recent Past, Current & Future Analysis for Explosives
   Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
   Table 63: Canadian Historic Review for Explosives
   Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

3. JAPAN
   A. Market Analysis
   Outlook
   Key Player
   B. Market Analytics
   Japanese Explosives Market by Segment: Volume Analytics
   Table 64: Japanese Recent Past, Current & Future Analysis for Explosives by Segment
   Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with
   Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
   Table 65: Japanese Historic Review for Explosives
   Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
   Table 66: Japanese 14-Year Perspective for Explosives
   Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other
   Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
   Japanese Explosives Market: Value Analytics
   Table 67: Japanese Recent Past, Current & Future Analysis for Explosives
   Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
   Table 68: Japanese Historic Review for Explosives
   Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
RESEARCH AND MARKETS

Graph/Chart
Table 66: Japanese 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

Japanese Explosives Market: Value Analytics
Table 67: Japanese Recent Past, Current & Future Analysis for Explosives
Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 68: Japanese Historic Review for Explosives
Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4. EUROPE
A. Market Analysis
Current & Future Analysis
Explosives Market Overview
Europe's Mining Industry: On the Path of Revival
Export/Import Statistics
Explosives; Pyrotechnic Products; Matches; Pyrophoric Alloys; Certain Combustible Preparations
Table 69: EU28 Exports of Explosives; Pyrotechnic Products; Matches; Pyrophoric Alloys; Certain Combustible Preparations (2015)
Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)
Table 70: EU28 Imports of Explosives; Pyrotechnic Products; Matches; Pyrophoric Alloys; Certain Combustible Preparations (2015)
Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

Prepared Explosives (Excluding Propellant Powders)
Table 71: EU28 Exports of Prepared Explosives (Excluding Propellant Powders) (2015)
Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)
Table 72: EU28 Imports of Prepared Explosives (Excluding Propellant Powders) (2015)
Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

Propellant Powders
Table 73: EU28 Exports of Propellant Powders (2015)
Percentage Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)
Table 74: EU28 Imports of Propellant Powders (2015)
Percentage Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

B. Market Analytics
European Explosives Market: Volume Analytics
Table 75: European Recent Past, Current & Future Analysis for Explosives by Geographic Region/Country
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 76: European Historic Review for Explosives by Geographic Region/Country
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 77: European 14-Year Perspective for Explosives by Geographic Region/Country
Percentage Breakdown of Volume Consumption for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
European Explosives Market by Segment: Volume Analytics
Table 78: European Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 79: European Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 80: European 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
Europe Explosives Market: Value Analytics
Table 81: European Recent Past, Current & Future Analysis for Explosives
Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 82: European Historic Review for Explosives
Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4a. FRANCE
A. Market Analysis
Overview
Strategic Corporate Development
Select Players
B. Market Analytics
French Explosives Market by Segment: Volume Analytics
Table 83: French Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 84: French Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 85: French 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

4b. GERMANY
Market Analysis
German Explosives Market by Segment: Volume Analytics
Table 86: German Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 87: German Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 88: German 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

4c. ITALY
Market Analysis
Italian Explosives Market by Segment: Volume Analytics
Table 89: Italian Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 90: Italian Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 91: Italian 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM
A. Market Analysis
Outlook
Packaged Explosives
Strategic Corporate Developments
Select Players
B. Market Analytics
UK Explosives Market by Segment: Volume Analytics
Table 92: UK Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 93: UK Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
4e. SPAIN
A. Market Analysis
Overview
Key Player
B. Market Analytics
Spanish Explosives Market by Segment: Volume Analytics
Table 95: Spanish Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 96: Spanish Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 97: Spanish 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

4f. RUSSIA
Market Analysis
Russian Explosives Market by Segment: Volume Analytics
Table 98: Russian Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 99: Russian Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 100: Russian 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

4g. REST OF EUROPE
A. Market Analysis
Outlook
Finland
Mining Industry Overview
Strategic Corporate Development
B. Market Analytics
Rest of Europe Explosives Market by Segment: Volume Analytics
Table 101: Rest of Europe Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 102: Rest of Europe Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 103: Rest of Europe 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
Market Analysis
Asia-Pacific Explosives Market: Volume Analytics
Table 104: Asia-Pacific Recent Past, Current & Future Analysis for Explosives by Geographic Region/Country
Australia, China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption
Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 105: Asia-Pacific Historic Review for Explosives by Geographic Region/ Country
Australia, China, India and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 106: Asia-Pacific 14-Year Perspective for Explosives by Geographic Region/ Country
Percentage Breakdown of Volume Consumption for Australia, China, India and Rest of Asia-Pacific Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
Asia-Pacific Explosives Market by Segment: Volume Analytics
Table 107: Asia-Pacific Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 108: Asia-Pacific Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 109: Asia-Pacific 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
Asia-Pacific Explosives Market: Value Analytics
Table 110: Asia-Pacific Recent Past, Current & Future Analysis for Explosives
Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 111: Asia-Pacific Historic Review for Explosives
Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

5a. AUSTRALIA
A. Market Analysis
Outlook
Market Overview
Table 112: Explosives Market in Australia by End-Use (2016): Percentage Breakdown of Demand by Sector for Military, Mining, Quarry & Construction, and Others (includes corresponding Graph/Chart)
Table 113: Leading Metals Extracted in Australia (2015): Percentage Breakdown for Base Metals/Silver/Cobalt b, Gold, Iron Ore and Others (includes corresponding Graph/Chart)
Table 114: Coal Production in Australia (2014-2016) (in Million Tons) (includes corresponding Graph/Chart)
Table 115: Iron Ore Production in Australia (2012-2014) (in Million Tons) (includes corresponding Graph/Chart)
Competition
Table 116: Leading Players in the Australian Explosives Market (2012-Historic Data)
Percentage Breakdown of Sales for Orica Mining Services, Incitec Pivot/Dyno Nobel and Others (includes corresponding Graph/Chart)
Strategic Corporate Developments
Select Players
B. Market Analytics
Australian Explosives Market by Segment: Volume Analytics
Table 117: Australian Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 118: Australian Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 119: Australian 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

5b. CHINA
A. Market Analysis
Overview
Coal’s Dominance in Power Production Pie Augurs Well for Explosives
Table 120: China Power Generation Capacity by Fuel Type (2010 & 2020E): Breakdown of Capacity in Gigawatts for Coal, Hydro, Wind, Nuclear, Gas, Pumped Storage, Solar, Biomass, and Others (includes corresponding Graph/Chart)
High-Precision Detonators to Gain Prominence

Table 121: Chinese Detonators Market by End-Use Sector (2015): Percentage Share Breakdown of Volume Demand for Coal-Mining, Highway and Railway, Metallic Mineral Mining, Non-Metallic Mineral Mining, Waterway and Others (includes corresponding Graph/Chart)

Table 122: Chinese Industrial Explosives Market by End-Use Sector (2015): Percentage Share Breakdown of Volume Demand for Coal-Mining, Highway and Railway, Metallic Mineral Mining, Non-Metallic Mineral Mining, Waterway and Others (includes corresponding Graph/Chart)

Input Price Decline to Leverage Margins

Key Players in Explosives Market

Historic Data

Table 123: Inner Mongolian Province Mining Market (2012): Percentage Breakdown of Civil Explosives Sales by Key Player (includes corresponding Graph/Chart)

Table 124: Xinjiang Province Mining Market (2012): Percentage Breakdown of Civil Explosives Sales by Key Player (includes corresponding Graph/Chart)

Table 125: Guizhou Province Mining Market (2012): Percentage Breakdown of Civil Explosives Sales by Key Player (includes corresponding Graph/Chart)

Table 126: Hunan Province Mining Market (2012): Percentage Breakdown of Civil Explosives Sales by Key Player (includes corresponding Graph/Chart)

Mining Firms Eye Blasting Sector through Unique Service Models

B. Market Analytics

Chinese Explosives Market by Segment: Volume Analytics

Table 127: Chinese Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 128: Chinese Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 129: Chinese 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

5c. INDIA

A. Market Analysis

An Overview

Lucrative Prospects for Explosives

Table 130: Amount of Explosives Required for Mining 1 Million Ton of Ore (includes corresponding Graph/Chart)

Table 131: Indian Market for Explosives by Segment (2016): Percentage Share Breakdown of Value Sales for Bulk Explosive, Cartridge Explosive, Initiating Systems, and Others (includes corresponding Graph/Chart)

Competition

Table 132: Indian Explosives Market by Leading Player (2016): Percentage Share Breakdown of Sales for Gulf Oil, IOC, Keltech Energies, Orica, Premier Explosives, Solar Group and Others (includes corresponding Graph/Chart)

Key Player

B. Market Analytics

Indian Explosives Market by Segment: Volume Analytics

Table 133: Indian Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 134: Indian Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 135: Indian 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

5d. REST OF ASIA-PACIFIC

A. Market Analysis

Key Player
B. Market Analytics
Rest of Asia-Pacific Explosives Market by Segment: Volume Analytics
Table 136: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 137: Rest of Asia-Pacific Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 138: Rest of Asia-Pacific 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

6. THE MIDDLE EAST & AFRICA
A. Market Analysis
Current and Future Analysis
Africa
Mining Boom to Boost Demand for Mining Explosives and Chemicals
Mining Explosives Market in Southern Africa
Leading Players
Competitive Scenario in South Africa
Historic Data
Table 139: South African Market for Bulk Explosives by Leading Players (2013): Percentage Share Breakdown of Sales for AEL, BME, Maxam, Sasol, and Others (includes corresponding Graph/Chart)
Table 140: South African Market for Underground Explosives (2013): Percentage Share Breakdown of Sales for AEL, BME and Sasol (includes corresponding Graph/Chart)
Table 141: South African Market for Explosive Accessories (2013): Percentage Share Breakdown of Sales for AEL, BME, Sasol and Others (includes corresponding Graph/Chart)
Key Player
B. Market Analytics
Middle East & African Explosives Market by Segment: Volume Analytics
Table 142: Middle East & African Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 143: Middle East & African Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 144: Middle East & African 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
Middle East & African Explosives Market: Value Analytics
Table 145: Middle East & African Recent Past, Current & Future Analysis for Explosives Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 146: Middle East & African Historic Review for Explosives Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

7. LATIN AMERICA
Market Analysis
Latin American Explosives Market: Volume Analytics
Table 147: Latin American Recent Past, Current & Future Analysis for Explosives by Geographic Region/Country
Brazil, Mexico and Rest of Latin American Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 148: Latin American Historic Review for Explosives by Geographic Region/ Country
Brazil, Mexico and Rest of Latin American Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 149: Latin American 14-Year Perspective for Explosives by Geographic Region/Country
Percentage Breakdown of Volume Consumption for Brazil, Mexico and Rest of Latin American Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)
Latin American Explosives Market by Segment: Volume Analytics
Table 150: Latin American Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 151: Latin American Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 152: Latin American 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

Latin American Explosives Market: Value Analytics

Table 153: Latin American Recent Past, Current & Future Analysis for Explosives
Annual Revenues in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 154: Latin American Historic Review for Explosives
Annual Revenues in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

7a. BRAZIL
A. Market Analysis
   Outlook
   Mining Industry
   Key End-User of Explosives in Brazil

B. Market Analytics
Brazilian Explosives Market by Segment: Volume Analytics

Table 155: Brazilian Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 156: Brazilian Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 157: Brazilian 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

7b. MEXICO
A. Market Analysis
   Outlook
   Mining Industry
   Key for Growth in Explosives Sector

B. Market Analytics
Mexican Explosives Market by Segment: Volume Analytics

Table 158: Mexican Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 159: Mexican Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 160: Mexican 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

7c. REST OF LATIN AMERICA
A. Market Analysis
   Outlook
   Peru
   Demand for Explosives Exceed Supply
   Review of Mining Sector in Select Regions
   Columbia
   Uruguay
Venezuela
Key Player

B. Market Analytics

Rest of Latin American Explosives Market by Segment: Volume Analytics

Table 161: Rest of Latin America Recent Past, Current & Future Analysis for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)

Table 162: Rest of Latin America Historic Review for Explosives by Segment
Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets Independently Analyzed with Annual Consumption Figures in Metric Tons for Years 2009 through 2014 (includes corresponding Graph/Chart)

Table 163: Rest of Latin America 14-Year Perspective for Explosives by Segment
Percentage Breakdown of Volume Consumption for Blasting Agents, Propellants, Pyrotechnics and Other Explosives Markets for Years 2009, 2016 & 2022 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
Total Companies Profiled: 72 (including Divisions/Subsidiaries 81)

- The United States (12)
  - Canada (1)
  - Japan (3)
  - Europe (21)

- France (4)
  - Germany (2)
  - The United Kingdom (3)
  - Italy (1)
  - Spain (2)
  - Rest of Europe (9)

- Asia-Pacific (Excluding Japan) (33)
  - Middle East (1)
  - Latin America (3)
  - Africa (7)

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/338757/](http://www.researchandmarkets.com/reports/338757/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Explosives - Global Strategic Business Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address</td>
<td><a href="http://www.researchandmarkets.com/reports/338757/">http://www.researchandmarkets.com/reports/338757/</a></td>
</tr>
<tr>
<td>Office Code</td>
<td>SC2GZ7UH</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) -</td>
<td></td>
</tr>
<tr>
<td>Single User: USD 4950</td>
<td></td>
</tr>
<tr>
<td>1 - 5 Users: USD 6930</td>
<td></td>
</tr>
<tr>
<td>1 - 10 Users: USD 9405</td>
<td></td>
</tr>
<tr>
<td>1 - 15 Users: USD 11880</td>
<td></td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td>*</td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: __________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World