Carboxymethyl Cellulose - Global Strategic Business Report

Description: The report provides separate comprehensive analytics for the US, Canada, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2014 through 2020. Also, a seven-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.

This report analyzes the worldwide markets for Carboxymethyl Cellulose in Thousand Pounds (lbs) by the following End-Use Segments: Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others.

The report profiles 61 companies including many key and niche players such as:

- Akzo Nobel N.V
- Anqiu Eagle Cellulose Co., Ltd.,
- Ashland, Inc.,
- CP Kelco
- Daicel Corporation

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

II. EXECUTIVE SUMMARY
   1. INDUSTRY OVERVIEW
      - Robust Demand in Processed Foods Drives the CMC Market
      - Applications and Benefits of Purified CMC in the Food & Beverage Industry
      - Other End-use Sectors: A Preview
      - Applications and Benefits of Purified CMC in the Pharmaceutical and Personal Care
      - Benefits of Technical-Grade CMC in Other Applications
      - Market Challenges
      - Asia-Pacific Dominates the Global CMC Market
      - Global CMC Production and Leading Producers
      
      Table 1: Global Carboxymethyl Cellulose (CMC) Production Capacity by Geographic Region (2015):
      Percentage Share Breakdown for Asia-Pacific, Western Europe, Japan, US, Middle East and Latin America
      (includes corresponding Graph/Chart)
      
      Table 2: Leading CMC Producers by Production Capacity: 2013 (includes corresponding Graph/Chart)
      
      Table 3: Leading Players in the Global CMC Market (2015): Percentage Share Breakdown of Production
      Volume for CP Kelco, Ashland Chemical, Akzo Nobel, Quimica Amtex, Shanghai Shenguang Edible Chem
      Anqiu Eagle Cellulose, Wealthy Chemical, Dai-ichi Kogyo Seiyaku, Daicel Chemical Industries, Xuzhou Liyuan
      Chemical, Dow Chemical, Chongqing Longfar Industrial, and Others (includes corresponding Graph/Chart)

   2. GROWTH DRIVERS & APPLICATION TRENDS
      - Expanding Population Fuels CMC Demand
      
      Table 4: World Population by Geographic Region (2000-2050) (in Millions) (includes corresponding
      Graph/Chart)
      
      High Consumption of Processed Food Favors CMC Market
      
      Table 5: Annual Disposable Incomes in US$ '000 for Select Countries (2012) (includes corresponding
      Graph/Chart)
      Usage of CMC in Warp Yarns Sizing and Printing in the Textile Industry
RESEARCH AND MARKETS

Benefits of CMC in Papermaking
Multiple Benefits of CMC in Production of Ice Cream
Use of Guar Gum to Affect CMC Consumption in Ice Creams
Benefits of CMC in Acidic Milk Drinks/Yogurt, and Fruit Squashes
CMC for Enhanced Storage of Wine
PAC: The High-end Alternative to CMC

Trade Statistics
Table 6: Global Leading CMC Exporters (2013 & 2014): Percentage Share Breakdown of Export Value (includes corresponding Graph/Chart)
Table 7: Global Leading CMC Importers (2013 & 2014): Percentage Share of Import Value (includes corresponding Graph/Chart)

3. PRODUCT OVERVIEW
Carboxymethyl Cellulose (CMC)
A Prelude
Structure
Grades
Purified CMC
Select Applications
Standard Grade CMC
Select Applications
Functionality
Properties
General
Physical Properties of CMC
Viscosity
Dissolution
Stability
Solutions
Thermal Stability
Effect of Ph
Effect of Salt
Raw Materials
CMC Production from Durian
Pricing
End-Use Applications
A. Food Industry
B. Crude Oil Industry
C. Pharmaceutical & Cosmetics Industry
As Safe Tear Substitute
D. Paper Industry
F. Soap and Detergent Industry
G. Others
Ceramic Industry
Paint and Lacquer Industry
Construction Industry
Tobacco Industry
Textile Industry
Glue and Adhesives Industry
Freezer Pads and Gels Industry
Other Industrial Applications

4. RECENT INDUSTRY ACTIVITY
Ashland to Launch CMC Binder for Lithium Ion Batteries
CP Kelco Starts Operations in India

5. FOCUS ON SELECT GLOBAL PLAYERS
Akzo Nobel N.V. (The Netherlands)
Anqiu Eagle Cellulose Co., Ltd. (China)
Ashland, Inc. (US)
CP Kelco (US)
Daicel Corporation (Japan)
Dai-Ichi Kogyo Seiyaku Co., Ltd. (Japan)
Dow Pharma & Food Solutions (Germany)
Lamberti S.p.A. (Italy)
Nippon Paper Industries Co., Ltd. (Japan)
Penn Carbose, Inc. (US)
Quimica Amtex S.A De C.V (Mexico)
Samsung Fine Chemicals Co., Ltd. (South Korea)
Shanghai ShenGuang Edible Chemicals Co., Ltd. (China)
Sichem (UAE)
Ugur Seluloz Kimya A.S. (Turkey)
Xuzhou Liyuan Chemical Industry Co., Ltd (China)

6. GLOBAL MARKET PERSPECTIVE

Table 8: World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 9: World Historic Review for Carboxymethyl Cellulose (CMC) by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 10: World 14-Year Perspective for Carboxymethyl Cellulose (CMC) by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Carboxymethyl Cellulose Market by End-Use Segment

Table 11: World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) in Food and Beverages by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 12: World Historic Review for Carboxymethyl Cellulose (CMC) in Food and Beverages by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 13: World 14-Year Perspective for Carboxymethyl Cellulose (CMC) in Food and Beverages by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 14: World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) in Oil Field Drilling Fluids by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 15: World Historic Review for Carboxymethyl Cellulose (CMC) in Oil Field Drilling Fluids by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 16: World 14-Year Perspective for Carboxymethyl Cellulose (CMC) in Oil Field Drilling Fluids by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 17: World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) in Drugs and Cosmetics by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 18: World Historic Review for Carboxymethyl Cellulose (CMC) in Drugs and Cosmetics by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 19: World 14-Year Perspective for Carboxymethyl Cellulose (CMC) in Drugs and Cosmetics by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 20: World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) in Paper Processing Aids by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 21: World Historic Review for Carboxymethyl Cellulose (CMC) in Paper Processing Aids by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 22: World 14-Year Perspective for Carboxymethyl Cellulose (CMC) in Paper Processing Aids by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 23: World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) in Detergents by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 24: World Historic Review for Carboxymethyl Cellulose (CMC) in Detergents by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 25: World 14-Year Perspective for Carboxymethyl Cellulose (CMC) in Detergents by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 26: World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) in Paints & Coatings by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 27: World Historic Review for Carboxymethyl Cellulose (CMC) in Paints & Coatings by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 28: World 14-Year Perspective for Carboxymethyl Cellulose (CMC) in Paints & Coatings by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 29: World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) in Other End-Use Sectors by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 30: World Historic Review for Carboxymethyl Cellulose (CMC) in Other End-Use Sectors by Geographic Region
US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 31: World 14-Year Perspective for Carboxymethyl Cellulose (CMC) in Other End-Use Sectors by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Europe, Asia-Pacific, Latin America and Rest of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

III. MARKET
1. THE UNITED STATES
A. Market Analysis
Rising Preference for Low-Calorie Foods Boosts the CMC Market
Table 32: CMC Production Capacity of US-based Players: 2013 (includes corresponding Graph/Chart)
Trade Statistics
Table 33: The US Exports of Carboxymethyl Cellulose (CMC) & Its Salts by Destination Country (2013 & 2014): Percentage Share Breakdown of Export Value for Leading Export Destinations from the US (includes corresponding Graph/Chart)
Table 34: The US Imports of Carboxymethyl Cellulose & Its Salts by Country of Origin (2013 & 2014): Percentage Share of Import Value of Leading Exporters to the US (includes corresponding Graph/Chart)
Select Key Players
B. Market Analytics
Table 35: The US Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 36: The US Historic Review for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 37: The US 14-Year Perspective for Carboxymethyl Cellulose (CMC) by End-Use Segment
Percentage Breakdown of Volume Sales for Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
Trade Statistics
Table 38: Canadian CMC Exports by Destination Country (2013 & 2014): Percentage Share of Export Value for Leading Export Destinations from Canada
Table 39: Canadian CMC Imports by Country of Origin (2013 & 2014): Percentage Share of Import Value of Leading Exporters to Canada (includes corresponding Graph/Chart)
B. Market Analytics
Table 40: Canadian Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 41: Canadian Historic Review for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 42: Canadian 14-Year Perspective for Carboxymethyl Cellulose (CMC) by End-Use Segment
Percentage Breakdown of Volume Sales for Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

3. EUROPE
A. Market Analysis
New Labeling Regulations to Bolster Demand for Food-Grade CMC in Europe
Table 43: CMC Production Capacity of European Players: 2013 (includes corresponding Graph/Chart)
B. Market Analytics
Table 44: European Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by Geographic Region
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 45: European Historic Review for Carboxymethyl Cellulose (CMC) by Geographic Region
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 46: European 14-Year Perspective for Carboxymethyl Cellulose (CMC) by Geographic Region
Percentage Breakdown of Volume Sales for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Table 47: European Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)

Table 48: European Historic Review for Carboxymethyl Cellulose (CMC) by End-Use Segment Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

Table 49: European 14-Year Perspective for Carboxymethyl Cellulose (CMC) by End-Use Segment Percentage Breakdown of Volume Sales for Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

3a. FRANCE
Market Analysis
Table 50: French Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 51: French Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

3b. GERMANY
A. Market Analysis
Select Key Players
B. Market Analytics
Table 52: German Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 53: German Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

3c. ITALY
A. Market Analysis
Select Key Players
B. Market Analytics
Table 54: Italian Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 55: Italian Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

3d. THE UNITED KINGDOM
Market Analysis
Table 56: The UK Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 57: The UK Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

3e. SPAIN
Market Analysis
Table 58: Spanish Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 59: Spanish Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

3f. RUSSIA
Market Analysis
Table 60: Russian Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 61: Russian Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)
3g. REST OF EUROPE
A. Market Analysis
Select Key Players
B. Market Analytics
Table 62: Rest of European Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 63: Rest of European Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

4. ASIA-PACIFIC
A. Market Analysis
Asia-Pacific: The Largest and the Fastest Growing Market for CMC
Table 64: China and India
The Most Populous Countries Worldwide (July 2013): Total Population (in Millions) by Age Group 0-14 Years, 15-44 Years, 45-64 Years, and 65+ Years for China Vis-a-Vis Other Countries (includes corresponding Graph/Chart)
Asia-Pacific: The Fastest Growing Processed Foods Market Worldwide
Underpenetrated Asian Countries Offer Lucrative Growth Opportunities
Table 65: Per-Capita Consumption (in Kilograms) of Confectionary, Bakery, and Sweet and Savory Products Worldwide and Select Asian Countries: 2015E (includes corresponding Graph/Chart)
Table 66: Global Snack Foods Market
Geographic Regions Ranked by CAGR (Value Sales) for 2014-2020: Asia-Pacific, Middle East & Africa, Latin America, Canada, Europe, US, and Japan (includes corresponding Graph/Chart)
B. Market Analytics
Table 67: Asia-Pacific Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by Geographic Region
China, Japan, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 68: Asia-Pacific Historic Review for Carboxymethyl Cellulose (CMC) by Geographic Region
China, Japan, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 69: Asia-Pacific 14-Year Perspective for Carboxymethyl Cellulose (CMC) by Geographic Region
Percentage Breakdown of Volume Sales for China, Japan, India, and Rest of Asia-Pacific Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Table 70: Asia-Pacific Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 71: Asia-Pacific Historic Review for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 72: Asia-Pacific 14-Year Perspective for Carboxymethyl Cellulose (CMC) by End-Use Segment
Percentage Breakdown of Volume Sales for Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4a. CHINA
A. Market Analysis
High Population: Boosting the CMC Market
Table 73: CMC Production Capacity of China-based Players: 2013 (includes corresponding Graph/Chart)
Select Key Players
B. Market Analytics
Table 74: Chinese Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 75: Chinese Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

4b. JAPAN
A. Market Analysis
Table 76: CMC Production Capacity of Japan-based Players: 2013 (includes corresponding Graph/Chart)

Strategic Corporate Development
Select Key Players

B. Market Analytics
Table 77: Japanese Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 78: Japanese Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

4c. INDIA
A. Market Analysis
Strategic Corporate Development
Patel Industries
A Key Player

B. Market Analytics
Table 79: Indian Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 80: Indian Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

4d. REST OF ASIA-PACIFIC
A. Market Analysis
Samsung Fine Chemicals Co., Ltd.
A Key South Korea-based Player

B. Market Analytics
Table 81: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 82: Rest of Asia-Pacific Historic Review for Carboxymethyl Cellulose (CMC) Market Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)

5. LATIN AMERICA
A. Market Analysis
Table 83: CMC Production Capacity of Latin American Players: 2013
Select Key Players

B. Market Analytics
Table 84: Latin American Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 85: Latin American Historic Review for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds (lbs) for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 86: Latin American 14-Year Perspective for Carboxymethyl Cellulose (CMC) by End-Use Segment
Percentage Breakdown of Volume Sales for Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

6. REST OF WORLD
A. Market Analysis
Sichem
A Key UAE-Based Player

B. Market Analytics
Table 87: Rest of World Recent Past, Current & Future Analysis for Carboxymethyl Cellulose (CMC) by End-Use Segment
Food and Beverages, Oil Field Drilling Fluids, Drugs and Cosmetics, Paper Processing Aids, Detergents, Paints & Coatings, and Others Markets Independently Analyzed with Annual Consumption in Thousand Pounds
IV. COMPETITIVE LANDSCAPE
Total Companies Profiled: 61 (including Divisions/Subsidiaries 67)
The United States (7)
Japan (5)
Europe (13)
- Germany (3)
- Italy (4)
- Rest of Europe (6)
Asia-Pacific (Excluding Japan) (38)
Latin America (3)
Middle East (1)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/338570/
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 Format</th>
<th>Quantity</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>[ ]</td>
<td>USD 4500</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>[ ]</td>
<td>USD 6300</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users:</td>
<td>[ ]</td>
<td>USD 8550</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users:</td>
<td>[ ]</td>
<td>USD 10800</td>
</tr>
</tbody>
</table>

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

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* 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