Petroleum, Natural and Synthetic Waxes - Global Strategic Business Report

Description:
This report analyzes the worldwide markets for Petroleum, Natural and Synthetic Waxes in US$ Million by the following Product Segments: Petroleum and Mineral Waxes, Natural Waxes, and Synthetic Waxes.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America. Annual estimates and forecasts are provided for the period 2013 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. The report profiles 114 companies including many key and niche players such as:

- BASF SE
- Blended Waxes, Inc.
- Clariant International Ltd.
- Dow Corning
- Evonik Industries AG

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
Petroleum and Mineral Waxes
Natural Waxes
Synthetic Waxes

II. EXECUTIVE SUMMARY

1. MARKET OVERVIEW

A Prelude
Major Applications of Waxes
List of Wax Sources and their Applications
Impact of Recession and the Road Ahead
Table 1: Economic Growth (%) Worldwide by Region (2011-2014E) (includes corresponding Graph/Chart)
Supply-Demand Imbalance Typifies the Wax Market
Table 2: Global Wax Market (2012): Percentage Share Breakdown of Production Volume by Geographic Region (includes corresponding Graph/Chart)
Table 3: Worldwide Consumption of Wax by Region/Country (2013E): Percentage Share Breakdown of Consumption for Central Europe, China, Middle East, US and Western Europe and Others (includes corresponding Graph/Chart)
Petroleum Wax Market: The Dominant Segment despite Supply Constraints
Table 4: Global Wax Market (2013): Percentage Share Breakdown of Consumption by Type of Wax
Natural Wax, Petroleum Wax, and Synthetic Wax (includes corresponding Graph/Chart)
Base oil Refinery Attrition
A Concern for Petroleum Wax Supply
Decline in Petroleum Wax Supplies: Not on the Same Level as Group I Market Contraction
Heavy Grade Crude oil Production Facing Challenges from Wax
Paraffin Wax
The Largest Wax Type
Microcrystalline Wax Market: Supply Constraints Affect Growth
Petrolatum Market Affected by Concerns over Health Risks
Synthetic Waxes to Drive Growth

Table 5: Worldwide Market for Petroleum, Natural & Synthetic Waxes by Type (2013-2020): Compounded Annual Growth Rate for Synthetic Waxes, Natural Waxes, and Petroleum Waxes (includes corresponding Graph/Chart)

Advances in Polymer Technology to Boost Synthetic Wax Growth

Natural Waxes Market Benefits from Eco-Friendly Trend

Table 6: Melting Points of Select Waxes (includes corresponding Graph/Chart)

Beeswax Gains Attention

Table 7: Global Beeswax Production by Leading Countries (2012) (in Tonnes) (includes corresponding Graph/Chart)

Table 8: Global Beeswax Production by Geographic Region (2012) (includes corresponding Graph/Chart)

Supply Constraints Affects Candelilla Wax Market

Growing Popularity of Specialty Wax Blends

Skin Care Products

High Opportunities for Wax Market

A Glance at Select Waxes Used in Cosmetic Products

Application of Waxes in Major Cosmetic Segments

Regulations for Selling Beeswax Cosmetic Products

Candles: The Predominant Application Market for Waxes

Table 9: Global Wax Market by Application (2013E): Percentage Share Breakdown of Volume Demand for Board Sizing, Candles, Health Industries, Packaging, Surface Applications, and Others (includes corresponding Graph/Chart)

Transforming Candle Market

Natural Waxes

Increasing Footprint in the Candle Industry

Crop Protection

A Promising End-Use Area for Waxes

Renaissance Wax in Jewelry: Concerns over Carcinogenic Benzene Unfounded?

Gas-to-Liquid (GTL) Technology to Reshape Wax Market

Table 10: Leading GTL Projects Worldwide (includes corresponding Graph/Chart)

Table 11: List of Proposed GTL Projects in Louisiana (includes corresponding Graph/Chart)

GTL

An Era of Heightened Efficiency

Table 12: List of Top 10 Countries with Natural Gas Proven Reserves (in trillion m3) (includes corresponding Graph/Chart)

Wax Deoiling Technology

Latest Technology for High Purity Paraffin Wax

Recycling of Plastic Wastes to Industrial Waxes

Competitive Landscape

Table 13: Leading Producers of Wax Products Worldwide (2013E): Percentage Share Breakdown of Volume Sales for CNPC and Sinopec, Exxon Mobil Corp, Flying J/BigWest Oil, H&R Chemische, IGI Company, Lukoil, Petrobas, Sasol Wax, Shell Oil, Venezuela National Oil Company, and Others (includes corresponding Graph/Chart)

Trade Statistics

Table 14: Global Exports of Artificial and Prepared Waxes (2012): Percentage Share Breakdown of Export Value by Country of Destination (includes corresponding Graph/Chart)

Table 15: Global Imports of Artificial and Prepared Waxes (2012): Percentage Share Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

Table 16: Global Exports of Artificial and Prepared Waxes (2013): Breakdown of Export Value (in US$ Million) for Top 10 Destinations (includes corresponding Graph/Chart)

Table 17: Global Imports of Artificial and Prepared Waxes (2013): Breakdown of Export Value (in US$ Million) for Top 10 Countries of Origin (includes corresponding Graph/Chart)

Pricing Scenario

Table 18: List of Waxes Prices in US$/t in Various Countries (includes corresponding Graph/Chart)

2. PRODUCT OVERVIEW

Introduction

Characteristics and Properties

Important Physico-Chemical Properties of Wax

List of Wax Types

Petroleum Waxes

Uses
Paraffin Wax
Slack Wax
Microcrystalline Wax
Microcrystalline and Paraffin Waxes
Comparative Analysis
Petrolatum
Other Mineral Waxes
Ozokerite
Ozokerite
Product Highlights
Montan Wax
Clariant Process to Produce Montan Wax
Peat Wax
Synthetic Waxes
Polymer Waxes
a. Polyethylene Waxes
b. Copolymer Waxes
Fischer-Tropsch Waxes
Others
Hydrocarbon Waxes
Substituted Amide Waxes
Polymerized a-Olefins
Chemically Modified Waxes
Natural Waxes
Animal and Insect Waxes
Beeswax
Beeswax
Product Highlights
Application Areas
Cosmetics
Medicine
Candles
Metal Castings and Modeling
Food Processing
Textiles
Printing
Others
Spermaceti
Lanolin
Others
Shellac
Chinese Insect Wax
Vegetable Waxes
Carnauba
Carnauba Wax
Product Highlights
Major Application Areas
Merits
Demerits
Ouiricouri Wax
Bayberry
Rice-Bran Wax
Jasmine Wax
Jasmine Wax
Product Highlights
Candelilla Wax
Candelilla Wax
Product Highlights
Jojoba Wax
Uses
Japan Wax
Soybean Wax
Others
Orange Wax
Esparto
Sugarcane Wax
Castor Wax
New Waxes

3. END-USE ANALYSIS

Candles
Electrical
Food
Matches and Pyrotechnics
Rubber
Adhesives
Paper
Coatings and Inks
Cosmetics & Toiletries
Lipsticks
Cold Creams
Cosmetic Cream Bases
Pharmaceutical and Dental Preparations
Household and Automotive Polishes
Shoe Polishes
Furniture Polishes
Automobile Polishes
Floor Polishes
Investment Casting
Others
Construction
Textiles
Surface Protection
Mold Release Agents/Corrosion Inhibitors
Powder Coating
Crayon
Cardboard
Foundry
Agriculture
Cable Compounding
Petroleum Jelly
Polymer Additives
Sealing Technology
Rope Dressings

4. RECENT INDUSTRY ACTIVITY

ITOCHU Corporation and Nippon Seiro Enter into Capital and Business Partnership
PMC Biogenix Introduces Kemamide® W-40 Veg
Numaligarh Refinery Limited Partners with Engineers India Limited and Indian Institute of Petroleum
Kemira Oyj and Wilmar International Limited Entered into a JV Agreement
M.Cassab Group Enters into Agreement with Kahl GmbH
Clariant AG Introduces Ceridust® Waxes
Clariant Enters into Distribution Agreement with Cornell Brothers
Horn Enters Partnership with Multiceras
KahlWax to Introduce Three New Organic Waxes for Personal Care
Wison Engineering Delivers Six Projects for PetroChina
Koster Keunen Milks Introduces Sprayable and Easy-to-Use Wax Dispersions
Multiceras Develops Alternative Technique for Extraction of Candelilla Wax
BASF SE Opens New Plant for Oxidized Polyethylene Waxes Production
KahlWax Introduces VegoJelly 7036 Plus
Lubrizol Introduces Lanco™ 1580 LF Polyethylene Wax
Altana acquires ChemCor
IGI Introduces 100% vegetable wax
KahlWax Acquires SPICA S.R.L
5. FOCUS ON SELECT PLAYERS

BASF SE (Germany)
Blended Waxes, Inc. (US)
Clariant International Ltd. (Switzerland)
Dow Corning (US)
Evonik Industries AG (Germany)
Exxon Mobil Fuels & Lubricants (US)
Honeywell International (US)
Koster Keunen (Holland) B.V (Netherlands)
Lubrizol Corp. (US)
Micro Powders, Inc. (US)
Momentive (US)
Paramelt BV (Netherlands)
Petroferm, Inc. (US)
Romonta GmbH (Germany)
Strahl & Pitsch, Inc. (US)
The International Group, Inc. (Canada)
Wachs-u. Ceresin-Fabriken TH. C. TROMM GmbH (Germany)

6. GLOBAL MARKET PERSPECTIVE

Table 19: World Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 20: World Historic Review for Petroleum, Natural & Synthetic Waxes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 21: World 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Geographic Region
Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 22: World Recent Past, Current & Future Analysis for Natural Waxes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 23: World Historic Review for Natural Waxes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 24: World 15-Year Perspective for Natural Waxes by Geographic Region
Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 25: World Recent Past, Current & Future Analysis for Petroleum and Mineral Waxes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 26: World Historic Review for Petroleum and Mineral Waxes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in US$ Million for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 27: World 15-Year Perspective for Petroleum and Mineral Waxes by Geographic Region
Percentage Breakdown of Dollar Sales for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 28: World Recent Past, Current & Future Analysis for Synthetic Waxes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East, and Latin America Markets
Independently Analyzed with Annual Sales Figures in US$ Million for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 29: World Historic Review for Synthetic Waxes by Geographic Region
III. MARKET

1. THE UNITED STATES

A. Market Analysis

Prelude

Table 31: North American Wax Market (2013E): Percentage Breakdown of Consumption by End-Use Application

Packaging, Candle, Synthetic Wood, Hot melt Adhesive, Rubber, Cosmetics, and Others (includes corresponding Graph/Chart)

Synthetic Waxes to Fuel Growth

Petroleum & Mineral Waxes Market

Tight Supply Conditions Characterize Petroleum Waxes Market

Positive Growth Opportunities in Cosmetics

Increasing Use of Petroleum Wax Blends for Value-Added Applications

Petrolatum Demand on the Rise

Candles Market: Escalating Oil Prices Affect Demand

Montan Wax: Increasing Use in Specialized Applications

Favorable Prospects for Fischer-Tropsch Waxes

Natural Waxes Market

Consumer Preference for Eco-Friendly Products Drives Growth

Beeswax Market Trails on Positive Note

Soy Candles Demand Gains Momentum

Lanolin Regulations

A Potential Selling Point

Industrial Markets

The Largest End-Use Sector

Table 32: US Market for Waxes by Industrial Applications (2013E): Percentage Share Breakdown of Value Sales by End-Use Industries for Plastics & Rubber, Paper & Paperboard, Adhesives, Inks & Coatings, and Others (includes corresponding Graph/Chart)

Consumer Markets to Expand

Candle Making Sector to Stimulate Growth

A Highly Concentrated Market

Wax Supply Scenario

Table 33: US Supply of Wax Products (2007-2013) (In Million Barrels per day) (includes corresponding Graph/Chart)

Table 34: US Supply of Wax Products (2006-2013) (In Thousand Barrels) (includes corresponding Graph/Chart)

Table 35: U.S. Refinery and Blender Net Production of Waxes (2007-13) (in million Barrels per day) (includes corresponding Graph/Chart)

Major Wax Supplying Countries to the US

Trade Statistics

Table 36: US Exports of Artificial and Prepared Waxes (2012 & 2013): Percentage Share Breakdown of Export Value by Destination Country (includes corresponding Graph/Chart)

Table 37: US Imports of Artificial and Prepared Waxes (2012 & 2013): Percentage Share Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

Table 38: US Exports of Paraffin (including Candle) Wax (2012 & 2013): Percentage Share Breakdown of Export Value by Destination Country (includes corresponding Graph/Chart)

Table 39: US Imports of Paraffin (including Candle) Wax (2012 & 2013): Percentage Share Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

Table 40: US Exports of Mineral Waxes Nes (Including Crude Paraffin Wax and Lignite) (2012 & 2013): Percentage Share Breakdown of Export Value by Destination Country (includes corresponding Graph/Chart)

Table 41: US Imports of Mineral Waxes Nes (Including Crude Paraffin Wax and Lignite) (2012 & 2013): Percentage Share Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)

Table 42: US Exports of Candles for 2012 & 2013: Percentage Share Breakdown of Export Volume by Destination (includes corresponding Graph/Chart)
Table 43: US Imports of Candles for 2013: Percentage Share Breakdown of Import Volume by Country of Origin (includes corresponding Graph/Chart)
Table 44: US Exports of Wax to Latin America for 2012 & 2013: Percentage Share Breakdown of Export Volume by Destination (includes corresponding Graph/Chart)
Strategic Corporate Developments
Select Players
B. Market Analytics
Table 45: US Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 46: US Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 47: US 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment
Table 48: US Recent Past, Current & Future Analysis for Petroleum and Mineral Waxes by Type
Paraffin, Microcrystalline, and Montan & Other Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 49: US Historic Review for Petroleum and Mineral Waxes by Type
Paraffin, Microcrystalline and Montan & Other Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 50: US 15-Year Perspective for Petroleum and Mineral Waxes by Type
Percentage Breakdown of Dollar Sales for Paraffin, Microcrystalline and Montan & Other Waxes Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)

2. CANADA

A. Market Analysis
Current and Future Analysis
Trade Statistics
Table 51: Canadian Exports of Artificial and Prepared Waxes (2012 & 2013): Percentage Share Breakdown of Export Value by Destination Country (includes corresponding Graph/Chart)
Table 52: Canadian Imports of Artificial and Prepared Waxes (2012 & 2013): Percentage Share Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)
Table 53: Canadian Exports of Paraffin (including Candle) Wax (2012 & 2013): Percentage Share Breakdown of Export Value by Destination Country (includes corresponding Graph/Chart)
Table 54: Canadian Imports of Paraffin (including Candle) Wax (2012 & 2013): Percentage Share Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)
Table 55: Canadian Exports of Mineral Waxes Nes (Including Crude Paraffin Wax and Lignite) (2012 & 2013): Percentage Share Breakdown of Export Value by Destination Country (includes corresponding Graph/Chart)
Table 56: Canadian Imports of Mineral Waxes Nes (Including Crude Paraffin Wax and Lignite) (2012 & 2013): Percentage Share Breakdown of Import Value by Country of Origin (includes corresponding Graph/Chart)
Recent Industry Activity
The International Group, Inc.
A. Key Player
B. Market Analytics
Table 57: Canadian Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 58: Canadian Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 59: Canadian 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

3. JAPAN

A. Market Analysis
Current and Future Analysis
Trade Statistics
Table 60: Japanese Exports of Paraffin Waxes (2014E): Percentage Share Breakdown of Export Volume by Destination Country (includes corresponding Graph/Chart)
Table 61: Japanese Imports of Paraffin Waxes (2014E): Percentage Share Breakdown of Import Volume by Country of Origin (includes corresponding Graph/Chart)
Strategic Corporate Development
B. Market Analytics
Table 62: Japanese Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 63: Japanese Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 64: Japanese 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

4. EUROPE
A. Market Analysis
Current and Future Analysis
Growing Demand for Natural Cosmetics Fuelling Market for Natural Waxes
Weakening Paraffin Wax Demand in Europe
Table 65: Consumption of Wax in Western Europe (2013E): Percentage Breakdown of Consumption by End-Use Application
Candle, Packaging, Synthetic Wood, Hot melt Adhesive, Rubber, Cosmetics, and Others (includes corresponding Graph/Chart)
B. Market Analytics
Table 66: European Consumption of Beeswax by Country (2013E): Percentage Share in Volume Terms by Country for Spain, Germany, France, Greece, UK, Italy and Others (includes corresponding Graph/Chart)
Table 67: European Beeswax Production by Country (2012) (In Tonnes) (includes corresponding Graph/Chart)
Table 68: European Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Geographic Region
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 69: European Historic Review for Petroleum, Natural & Synthetic Waxes by Geographic Region
France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 70: European 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Geographic Region
Percentage Breakdown of Dollar Sales for France, Germany, Italy, UK, Spain, Russia, and Rest of Europe Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 71: European Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 72: European Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 73: European 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

4a. FRANCE
Market Analysis
Table 74: French Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 75: French Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)

4b. GERMANY
A. Market Analysis
Current and Future Analysis
Strategic Corporate Developments
Select Players
B. Market Analytics
Table 77: German Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 78: German Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 79: German 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

4c. ITALY
A. Market Analysis
Current and Future Analysis
Recent Industry Activity
B. Market Analytics
Table 80: Italian Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 81: Italian Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 82: Italian 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

4d. THE UNITED KINGDOM
Market Analysis
Table 83: UK Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 84: UK Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 85: UK 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

4e. SPAIN
Market Analysis
Table 86: Spanish Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 87: Spanish Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 88: Spanish 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

4f. RUSSIA
Market Analysis
Table 89: Russian Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 90: Russian Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 91: Russian 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

4g. REST OF EUROPE
A. Market Analysis
Current and Future Analysis
Strategic Corporate Development
Select Players
B. Market Analytics
Table 92: Rest of European Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 93: Rest of European Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 94: Rest of European 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

5. ASIA-PACIFIC
A. Market Analysis
Current and Future Analysis
Table 95: Wax Market in Asia (2013): Percentage Share Breakdown of Consumption by End-Use Application (includes corresponding Graph/Chart)
Petroleum Wax Market
An Overview
Declining Paraffin Wax Market in Asia
Paraffin Wax Prices Experience Slide in Asia
Recent Industry Activity
B. Market Analytics
Table 96: Asia-Pacific Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Geographic Region
China, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 97: Asia-Pacific Historic Review for Petroleum, Natural & Synthetic Waxes by Geographic Region
China, India, and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 98: Asia-Pacific 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Geographic Region
Percentage Breakdown of Dollar Sales for China, India, and Rest of Asia-Pacific Markets for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
Table 99: Asia-Pacific Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 100: Asia-Pacific Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 101: Asia-Pacific 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment
5a. CHINA
A. Market Analysis
Current and Future Analysis
Table 102: Chinese Wax Market by End-Use Application (2013E): Percentage Share Breakdown of Consumption by Candle, Cosmetics, Hot-melt Adhesive, Packaging, Rubber, Synthetic Wood, and Others (includes corresponding Graph/Chart)
An Insight into Paraffin Wax Market

Table 103: Chinese Paraffin Wax Market (1990-2010): Share as a Percentage of Total Petrochemicals Demand (includes corresponding Graph/Chart)

Specialty Waxes Market in China
Microcrystalline Wax Market in China
Leading Global Wax Supplier

Table 104: Wax Production in China by Region (2013E): Percentage Breakdown of Volume for Fushan, Dalian, Daqing, Jinan, Maoming, Jingmen, Yanshan, Jinxii, Lanzhou, Gaojiao, Jiangnan, Luoyang, and Others (includes corresponding Graph/Chart)

Strategic Corporate Development

B. Market Analytics

Table 105: Chinese Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 106: Chinese Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 107: Chinese 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

5b. INDIA

A. Market Analysis

Current and Future Analysis
Paraffin Wax Market
An Overview
Strategic Corporate Development

B. Market Analytics

Table 108: Indian Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 109: Indian Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 110: Indian 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

5c. REST OF ASIA-PACIFIC

A. Market Analysis

Current and Future Analysis
Focus on Select Regions
South Korea

Table 111: Leading Players in the Korean Synthetic Wax Market (2013): Percentage Share of Value Sales for Coschem, Honeywell, Lion Chemtech, SFC and Others (includes corresponding Graph/Chart)

Thailand

Trade Statistics

Table 112: Thailand Exports of Refined Paraffin Wax (2014E): Percentage Share Breakdown of Export Volume by Destination Country (includes corresponding Graph/Chart)

Table 113: Thailand Imports of Refined Paraffin Wax (2014E): Percentage Share Breakdown of Import Volume by Country of Origin (includes corresponding Graph/Chart)

Strategic Corporate Development

B. Market Analytics

Table 114: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)

Table 115: Rest of Asia-Pacific Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)

Table 116: Rest of Asia-Pacific 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment
6. THE MIDDLE EAST

A. Market Analysis
   Current and Future Analysis
   Qatar

B. Market Analytics
   Table 117: Middle East Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
   Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 118: Middle East Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
   Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
   Table 119: Middle East 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

7. LATIN AMERICA

A. Market Analysis
   Current and Future Analysis
   Table 120: Consumption of Wax by End-Use Application in Latin America (2013E): Percentage Breakdown of Consumption by Candle, Packaging, Synthetic Wood, Hot melt Adhesive, Rubber, Cosmetics, and Others (includes corresponding Graph/Chart)
   Petroleum Wax Market
   A Brief Sketch
   Table 121: Petroleum Wax Market in Latin America (2013E): Percentage Share Breakdown of Consumption for Fully Refined Paraffin, Slack Wax, Microcrystalline Wax, and Others (includes corresponding Graph/Chart)
   B. Market Analytics
   Table 122: Latin American Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Geographic Region
   Brazil and Rest of Latin America Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 123: Latin American Historic Review for Petroleum, Natural & Synthetic Waxes by Geographic Region
   Brazil and Rest of Latin America Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
   Table 124: Latin American 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Geographic Region
   Percentage Breakdown of Dollar Sales for Brazil and Rest of Latin America for Years 2006, 2014 & 2020 (includes corresponding Graph/Chart)
   Table 125: Latin American Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
   Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
   Table 126: Latin American Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
   Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
   Table 127: Latin American 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

7a. BRAZIL

A. Market Analysis
   Current and Future Analysis
   Carnauba Wax
   Strategic Corporate Development
   B. Market Analytics
   Table 128: Brazilian Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
   Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 129: Brazilian Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 130: Brazilian 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

7b. REST OF LATIN AMERICA
A. Market Analysis
   Current and Future Analysis
   Candelilla Wax Market in Mexico
   Recent Industry Activity
B. Market Analytics
Table 131: Rest of Latin America Recent Past, Current & Future Analysis for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2013 through 2020 (includes corresponding Graph/Chart)
Table 132: Rest of Latin America Historic Review for Petroleum, Natural & Synthetic Waxes by Product Segment
Natural Waxes, Petroleum and Mineral Waxes, and Synthetic Waxes Markets Independently Analyzed with Annual Sales Figures in US$ Thousand for Years 2006 through 2012 (includes corresponding Graph/Chart)
Table 133: Rest of Latin America 15-Year Perspective for Petroleum, Natural & Synthetic Waxes by Product Segment

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 114 (including Divisions/Subsidiaries 120)
The United States (51)
Canada (5)
Japan (2)
Europe (41)
Germany (10)
The United Kingdom (8)
Italy (2)
Spain (3)
Rest of Europe (18)
Asia-Pacific (Excluding Japan) (15)
Latin America (4)
Africa (1)
Middle East (1)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/338353/
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.

Product Name: Petroleum, Natural and Synthetic Waxes - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/338353/
Office Code: SCBRZ2SA

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

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