



# Synthetic and Natural Waxes:

*Global Markets*

May 2018

*Niladri Chakraborty*



Report Code: AVM135A

# Table of Contents

- Chapter 1: Introduction ..... 2**
  - Study Goals and Objectives..... 2
  - Reasons for Doing the Study..... 3
  - Scope of Report..... 3
  - Intended Audience..... 3
  - Information Sources..... 3
  - Research Methodology ..... 4
  - Analyst’s Credentials..... 8
  - Related BCC Research Reports..... 8
- Chapter 2: Summary and Highlights..... 10**
- Chapter 3: Overview ..... 14**
  - Industry Overview..... 14
  - Value Chain ..... 14
  - Market Segmentation ..... 15
    - Segmentation by Type..... 15
    - Segmentation by Application ..... 15
    - Segmentation by Region ..... 15
  - Production and Technology ..... 15
    - Synthetic Wax Production ..... 15
    - Natural Wax Production ..... 16
  - Application of Synthetic and Natural Waxes ..... 18
    - Synthetic Wax Application ..... 18
    - Natural Wax Application ..... 18
  - Market Dynamics ..... 20
  - Porter’s Five Forces Analysis ..... 22
- Chapter 4: Synthetic and Natural Waxes Market Forecast by Type..... 25**
  - Global Forecast for Synthetic Wax Market by Type ..... 25
    - Homopolymer Wax Market..... 26
    - Copolymer Wax Market ..... 29
  - Global Forecast for Natural Wax Market by Type ..... 29
  - Global Forecast for Plant Wax Market by Type ..... 30
- Chapter 5: Synthetic and Natural Wax Market by Application ..... 34**
  - Introduction ..... 34
  - Synthetic Wax Application ..... 34
    - Ethylene Polymer Wax Application ..... 35
    - Fischer-Tropsch Wax Application..... 35
  - Application of Natural Waxes ..... 37
    - Plant Wax Application ..... 37
    - Animal Wax Application ..... 38
  - Key Application Segments..... 40
    - Wax in Candles ..... 40
    - Wax in Adhesives..... 41
    - Wax in Cosmetics ..... 41
    - Wax in Pharmaceuticals ..... 42
    - Wax in Coatings and Inks..... 43

<b>Chapter 6: Synthetic and Natural Wax Market by Region .....</b>	<b>45</b>
Introduction .....	45
North America.....	47
Growth in U.S. Spa Industry to Boost Sales of Aromatic Candles .....	47
Growing Demand for Wax Emulsions in Paints and Coatings and Adhesives and Sealants Industries ..	47
North America Synthetic Wax Application.....	48
North America Natural Wax Application.....	49
North America Synthetic Wax Market by Country.....	49
North America Natural Wax Market by Country.....	51
Asia-Pacific (APAC) .....	52
China is the Leading Producer and Exporter of Beeswax.....	53
Malaysia, the Production Hub of Fischer-Tropsch Wax .....	53
Asia-Pacific Synthetic Wax Application .....	53
Asia-Pacific Natural Wax Application .....	54
Asia-Pacific Synthetic Wax Market by Country .....	55
Asia-Pacific Natural Wax Market by Country .....	57
Europe.....	58
High Imports of Natural Waxes by Eastern European Nations .....	58
High Traction for Wax Market Provided by Cosmetic Industry.....	59
Europe Synthetic Wax Application.....	60
Europe Natural Wax Application.....	61
Europe Synthetic Wax Market by Country.....	62
Europe Natural Wax Market by Country.....	64
South America.....	65
South America Synthetic Wax Application.....	65
South America Natural Wax Application.....	66
Formation of Region-wide Paint and Coatings Association in Latin America Will Boost the Demand ...	67
Middle East and Africa .....	68
Synthetic Wax Application in the Middle East and Africa .....	68
Natural Wax Application in MEA Region.....	69
<b>Chapter 7: Competitive Landscape .....</b>	<b>72</b>
<b>Chapter 8: Company Profiles .....</b>	<b>75</b>
<b>About BCC Research.....</b>	<b>120</b>
About BCC Research.....	121
BCC Membership .....	121
BCC Custom Research .....	121

# List of Tables

Summary Table: Global Market for Synthetic and Natural Waxes, by Type, Through 2022 (\$ Millions) ...	11
Table 1 Global Market Volume for Synthetic Waxes, by Category, Through 2022 (Kilotons) .....	25
Table 2 Global Market for Synthetic Waxes, by Category, Through 2022 (\$ Millions).....	26
Table 3 Global Market Volume for Homopolymer Waxes, by Type, Through 2022 (Kilotons) .....	27
Table 4 Global Market for Homopolymer Waxes, by Type, Through 2022 (\$ Millions) .....	28
Table 5 Global Market Volume for Natural Waxes, by Category, Through 2022 (Kilotons).....	29
Table 6 Global Market for Natural Waxes, by Category, Through 2022 (\$ Millions).....	30
Table 7 Global Market Volume for Plant Waxes, by Category, Through 2022 (Kilotons).....	31
Table 8 Global Market for Plant Waxes, by Category, Through 2022 (\$ Millions) .....	32
Table 9 Global Market Volume for Synthetic Waxes, by Application, Through 2022 (Kilotons) .....	35
Table 10 Global Market for Synthetic Waxes, by Application, Through 2022 (\$ Millions).....	36
Table 11 Global Market Volume for Natural Waxes, by Application, Through 2022 (Kilotons) .....	39
Table 12 Global Market for Natural Waxes, by Application, Through 2022 (\$ Millions).....	40
Table 13 Global Market for Candle Waxes, by Type, Through 2022 (\$ Millions) .....	41
Table 14 Global Market for Adhesive Waxes, Through 2022 (\$ Millions/%).....	41
Table 15 Global Market for Cosmetics Waxes, by Type, Through 2022 (\$ Millions) .....	42
Table 16 Global Market for Pharmaceuticals Waxes, Through 2022 (\$ Millions/%) .....	42
Table 17 Global Market for Coatings and Inks Waxes, by Type, Through 2022 (\$ Millions) .....	43
Table 18 Global Market for Synthetic and Natural Waxes, by Region, Through 2022 (\$ Millions) .....	45
Table 19 Global Market for Synthetic Waxes, by Region, Through 2022 (\$ Millions) .....	46
Table 20 Global Market for Natural Waxes, by Region, Through 2022 (\$ Millions) .....	46
Table 21 North American Market for Synthetic and Natural Waxes, by Type, Through 2022 (\$ Millions) .....	47
Table 22 North American Market for Synthetic Waxes, by Application, Through 2022 (\$ Millions) .....	48
Table 23 North American Market for Natural Waxes, by Application, Through 2022 (\$ Millions) .....	49
Table 24 North American Market Volume for Synthetic Waxes, by Country, Through 2022 (Kilotons) ....	50
Table 25 North American Market for Synthetic Waxes, by Country, Through 2022 (\$ Millions).....	50
Table 26 North American Market Volume for Natural Waxes, by Country, Through 2022 (Kilotons) .....	51
Table 27 North American Market for Natural Waxes, by Country, Through 2022 (\$ Millions).....	52
Table 28 Asia-Pacific Market for Synthetic and Natural Waxes, by Type, Through 2022 (\$ Millions) .....	53
Table 29 Asia-Pacific Market for Synthetic Waxes, by Application, Through 2022 (\$ Millions).....	54
Table 30 Asia-Pacific Market for Natural Waxes, by Application, Through 2022 (\$ Millions).....	55
Table 31 Asia-Pacific Market Volume for Synthetic Waxes, by Country, Through 2022 (Kilotons).....	56
Table 32 Asia-Pacific Market for Synthetic Waxes, by Country, Through 2022 (\$ Millions) .....	56
Table 33 Asia-Pacific Market Volume for Natural Waxes, by Country, Through 2022 (Kilotons) .....	57
Table 34 Asia-Pacific Market for Natural Waxes, by Country, Through 2022 (\$ Millions) .....	58
Table 35 European Market for Synthetic and Natural Waxes, by Type, Through 2022 (\$ Millions) .....	60
Table 36 European Market for Synthetic Waxes, by Application, Through 2022 (\$ Millions).....	61
Table 37 European Market for Natural Waxes, by Application, Through 2022 (\$ Millions).....	62
Table 38 European Market Volume for Synthetic Waxes, by Country, Through 2022 (Kilotons) .....	63
Table 39 European Market for Synthetic Waxes, by Country, Through 2022 (\$ Millions) .....	63
Table 40 European Market Volume for Natural Waxes, by Country, Through 2022 (Kilotons) .....	64
Table 41 European Market for Natural Waxes, by Country, Through 2022 (\$ Millions).....	65
Table 42 South American Market for Synthetic Waxes, by Application, Through 2022 (\$ Millions) .....	66
Table 43 South American Market for Natural Waxes, by Application, Through 2022 (\$ Millions) .....	67
Table 44 South American Market for Synthetic and Natural Waxes, by Type, Through 2022 (\$ Millions) .....	68
Table 45 Middle East and Africa Market for Synthetic Waxes, by Application, Through 2022 (\$ Millions) .....	69

Table 46 Middle East and Africa Market for Natural Waxes, by Application, Through 2022 (\$ Millions)..	70
Table 47 Middle East and Africa Market for Synthetic and Natural Waxes, by Type, Through 2022 (\$ Millions) .....	70
Table 48 Products of Arya Chem.....	75
Table 49 Products of BASF SE .....	76
Table 50 Development of BASF SE, 2014–2017 .....	77
Table 51 Products of Cargill .....	80
Table 52 Products of Clariant.....	81
Table 53 Product Details of Cosmic Petrochem.....	81
Table 54 Product Details of Darent Wax.....	83
Table 55 Developments of Darent Wax.....	85
Table 56 Product Details of Deurex AG.....	85
Table 57 Product Details of Deurex AG.....	87
Table 58 Products of EPChem International .....	88
Table 59 Product and Services of Frank B. Ross .....	90
Table 60 Product Details of Green & Natural Group .....	91
Table 61 Product Details Hengshui Yimei New Materials Technology .....	92
Table 62 Product Details of Honeywell International.....	93
Table 63 Development of Honeywell International.....	94
Table 64 Product Details for Beeswax H1, Natural Wax of Hong Chang International .....	96
Table 65 Product Details for Fisher Tropsch Waxes, Synthetic Wax of Hong Chang International.....	96
Table 66 Product Details of Industrial Raw Materials.....	98
Table 67 Product Details of IGI .....	99
Table 68 Product Details of Kerax.....	100
Table 69 Development Details of Kerax.....	101
Table 70 Product Details of Koster Keunen .....	102
Table 71 Partnership Details of Koster Keunen .....	102
Table 72 Product Details of Lubrizol .....	103
Table 73 Development Details of Lubrizol .....	104
Table 74 Product Details of Michelman.....	105
Table 75 Development Details of Michelman, 2014–2017.....	106
Table 76 Products of Multiceras SA DE CV .....	107
Table 77 Product Details of Poth Hille .....	108
Table 78 Product Details of Sasol.....	109
Table 79 Development Details of Sasol .....	110
Table 80 Product Details of Shri Ram Son Wax .....	112
Table 81 Product Details of Strahl & Pitsch .....	113
Table 82 Applications of Vektan Trading .....	115
Table 83 Product Details of Vektan Trading .....	116
Table 84 Product Details of Westlake Chemical .....	117
Table 85 Developments of Westlake Chemical .....	118

# List of Figures

Summary Figure: Global Market for Synthetic and Natural Waxes, by Type, 2016-2022 (\$ Millions).....	11
Figure 1 Synthetic and Natural Wax Value Chain .....	14
Figure 2 Fischer-Tropsch Wax Production .....	16
Figure 3 Global Market Volume Share of Synthetic Waxes, by Application, 2016 (%).....	18
Figure 4 Global Market Volume Share of Natural Waxes, by Application, 2016 (%).....	19
Figure 5 Drivers, Restraints and Opportunities of the Natural Wax Market .....	20
Figure 6 Porter’s Five Forces Analysis.....	22
Figure 7 Global Market for Synthetic Waxes, by Category, 2016–2022 (\$ Millions).....	26
Figure 8 Global Market Share of Homopolymer Waxes, by Type, 2016 (%).....	28
Figure 9 Global Market for Synthetic Waxes, by Application, 2016–2022 (\$ Millions).....	34
Figure 10 Global Market for Natural Waxes, by Application, 2016–2022 (\$ Millions).....	37
Figure 11 Global Cosmetics and Personal Care Market, 2015 (\$ Billions) .....	59
Figure 12 Key Growth Strategies Adopted by Players, 2014–2017 (%).....	72
Figure 13 Share of Participation in Key Growth Strategies, by Company, 2014–2017 (%) .....	73
Figure 14 Financials of BASF SE, 2014–2016 (\$ Millions).....	78
Figure 15 Financials of Honeywell International, 2014–2016 (\$ Millions) .....	95
Figure 16 Financial Details of Sasol, 2014–2016 (\$ Millions).....	111
Figure 17 Financials of Westlake Chemical, 2014–2016 (\$ Millions).....	119



*About BCC Research*

## *About BCC Research*

With our unparalleled 45-year history, BCC Research provides comprehensive analyses of global market sizing, forecasting and industry intelligence, covering markets where advances in science and technology are improving the quality, standard and sustainability of businesses, economies and lives.

## *BCC Membership*

From market sizing and forecasts, to opportunity assessments and competitive analyses, our ever-expanding library gives you the data, insights and intelligence required to ensure your project is a success. Members benefit from ongoing, unlimited access to the category or collections of their choice, and most membership packages pay for themselves within two to three reports being accessed.

Did you buy this report? You may qualify to apply your purchase price toward a full membership. Call 866/285-7215 or e-mail [info@bccresearch.com](mailto:info@bccresearch.com) to request a demo.

## *BCC Custom Research*

Our experts provide custom research projects to those working to identify new markets, introduce new products, validate existing market share, analyze competition, and assess the potential for products to impact existing markets. With impressive academic credentials and broad and deep knowledge of global industrial markets, our independent analysts and consultants develop the facts, figures, analyses, and assessments to inform the decisions that will move your company ahead. Confidential inquiries to: [custom@bccresearch.com](mailto:custom@bccresearch.com) or 781/205-2429.



## DISCLAIMER

The information developed in this report is intended to be as reliable as possible at the time of publication and is of a professional nature. This information does not constitute managerial, legal or accounting advice, nor should it be considered as a corporate policy guide, laboratory manual or an endorsement of any product, as much of the information is speculative in nature. BCC Research and the author assume no responsibility for any loss or damage that might result from reliance on the reported information or from its use.

ISBN: 978-1-62296-716-2  
May 2018