

Succinic Acid Market by Type (Bio-based, Petro-based), Application (Polyurethane, Resins, Coatings & Pigments, Pharmaceuticals, Plasticizers, Food & Beverage, PBS/PBST, Solvents & Lubricants, De-Icer Solutions, Personal Care, and Others), and by Region - Global Forecast to 2021

<https://marketpublishers.com/r/G25505F68A2EN.html>

Date: July 2016

Pages: 209

Price: US\$ 5,650.00 (Single User License)

ID: G25505F68A2EN

Abstracts

“Increasing demand from polyurethanes, plastics, and food packaging driving the global succinic acid market”

The global succinic acid market is projected to reach USD 701.0 million by 2021, registering a CAGR of 28.0% from 2016 to 2021. The market is projected to register a CAGR of 27.2% from 2016 and reach 251.3 kilotons by 2021. The increasing demand from the polyurethanes, plastic, and food packaging industries fuels the growth of the succinic acid market.

“PBS/PBST: The fastest-growing application for succinic acid”

Bio-based succinic acids used in the PBS/PBST segment is also used in packaging of food, as these are non-toxic, biodegradable, and also have better heat resistance and processability in comparison to other biopolymers. They also provide high quality, low volatility, and durability to the plastics. The key drivers for the succinic acid market in this application segment are the increasing disposable income, changing consumer lifestyles, increased use of plastics, and the growing packaging industry. These factors have fueled the demand for non-toxic, bio-degradable PET bottles, food containers, disposable syringes, blood bags, and other consumer goods in countries such as China, India, Japan, the U.S., and Germany, among others that have led to the growth of

succinic acid in the PBS/PBST application segment.

“Asia-Pacific: The fastest-growing market for succinic acid”

Asia-Pacific is the fastest-growing market of succinic acid, in terms of value and volume. High economic growth, growing manufacturing industries, cheap labor, increasing foreign investments, agreement/collaboration, expansion, increasing consumption of plastics, and a global shift in production capacity from the developed markets to emerging markets are the major factors leading to the growth of succinic acid in this region.

China dominates the succinic acid market in Asia-Pacific. Its consumption of succinic acid has grown significantly, and is expected to witness further growth in the near future. The rise in connectivity, growing levels of urbanization, and strong industrial base for the automotive, packaging, and construction industries are the driving factors for the growth of megacities, which lead to an increasing demand for succinic acid in the country.

This study has been validated through primaries conducted with various industry experts globally. These primary sources have been divided into three categories, namely, by company, by designation, and by region.

By Company Type- Tier 1- 35%, Tier 2- 45%, and Tier 20%

By Designation- C Level- 35%, Director Level- 25%, and Others- 40%

By Region- North America- 45%, Asia-Pacific- 30%, Europe- 20%, and Others-5%

The report also provides company profiles and competitive strategies adopted by the major market players, such as BioAmber (Canada), Myriant (U.S.), Succinity GmbH (Germany), Reverdia (Netherlands), Nippon Shokubai (Japan), Mitsubishi Chemical Holdings Corporation (Tokyo), Kawasaki Kasei Chemicals Ltd. (Japan), Linyi Lixing chemical Co., Ltd (China), Anhui Sunsing Chemicals (China), and Gadiv Petrochemical Industries Ltd. (Israel), among others.

Reasons to buy this report:

From an insight perspective, this research report has focused on various levels of analysis — industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the succinic acid market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on succinic acid offered by the top players in the global succinic acid market.

Product Development/Innovation: Detailed insights on upcoming technologies, R&D activities, and new product launches in the succinic acid market.

Market Development: Comprehensive information about lucrative emerging markets – the report analyzes the markets for succinic acid across regions.

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the global succinic acid market.

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of the leading players in the global succinic acid market.

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
 - 1.3.1 MARKETS COVERED
 - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY
- 1.5 LIMITATION
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Key data from primary sources
 - 2.1.2.2 Key industry insights
 - 2.1.2.3 Breakdown of primary interviews
- 2.2 MARKET SIZE ESTIMATION
- 2.3 DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN SUCCINIC ACID MARKET
- 4.2 SUCCINIC ACID MARKET, BY REGION (2016-2021)
- 4.3 SUCCINIC ACID MARKET IN WESTERN EUROPE, 2015
- 4.4 SUCCINIC ACID MARKET, BY TYPE (2016-2021)
- 4.5 SUCCINIC ACID MARKET: EMERGING VS. MATURE MARKETS
- 4.6 FASTEST-GROWING MARKETS, BY APPLICATION
- 4.7 LIFE CYCLE ANALYSIS BY REGION

5 MARKET OVERVIEW

Succinic Acid Market by Type (Bio-based, Petro-based), Application (Polyurethane, Resins, Coatings & Pigments,...

5.1 INTRODUCTION

5.2 MARKET SEGMENTATION

5.2.1 BY TYPE

5.2.2 BY APPLICATION

5.3 MARKET DYNAMICS

5.3.1 DRIVERS

5.3.1.1 Growing shift toward bio-based renewable substitutes

5.3.1.2 Increasing demand from the Asia-Pacific region

5.3.1.3 Environmental sustainability

5.3.1.4 Increasing adoption of succinic acid as a substitute of adipic acid in polyurethane production

5.3.2 RESTRAINTS

5.3.2.1 Volatility in raw material prices

5.3.2.2 High R&D cost

5.3.3 OPPORTUNITIES

5.3.3.1 Rising joint venture and cross-industry collaboration activities

5.3.3.2 Replacement for butane-based maleic anhydride

5.3.3.3 Improved bio-refining process

5.3.4 CHALLENGES

5.3.4.1 Challenges for commercialization

6 INDUSTRY TRENDS

6.1 INTRODUCTION

6.2 SUPPLY CHAIN ANALYSIS

6.2.1 RAW MATERIAL ANALYSIS

6.2.1.1 N-butane

6.2.1.2 Maleic Anhydride

6.2.1.3 Maize

6.2.1.4 Wheat

6.2.1.5 Sugarcane

6.2.1.6 Tapioca (Cassava)

6.2.2 MANUFACTURERS

6.2.3 DISTRIBUTION CHANNEL

6.2.4 END USERS

6.3 PRICE ANALYSIS

6.4 PORTER'S FIVE FORCES ANALYSIS

6.4.2 BARGAINING POWER OF BUYERS

- 6.4.3 THREAT OF SUBSTITUTES
- 6.4.5 INTENSITY OF RIVALRY
- 6.5 PATENT ANALYSIS

7 SUCCINIC ACID MARKET, BY TYPE

- 7.1 INTRODUCTION
- 7.2 PETRO-BASED SUCCINIC ACID
- 7.3 BIO-BASED SUCCINIC ACID

8 SUCCINIC ACID MARKET, BY APPLICATION

- 8.1 INTRODUCTION
- 8.2 RESINS, COATINGS & PIGMENTS
- 8.3 PHARMACEUTICALS
- 8.4 FOOD & BEVERAGE
- 8.5 POLYURETHANE
- 8.6 PBS/PBST
- 8.7 PERSONAL CARE
- 8.8 PLASTICIZERS
- 8.9 DE-ICER SOLUTIONS
- 8.10 SOLVENTS & LUBRICANTS
- 8.11 OTHERS

9 SUCCINIC ACID MARKET, BY REGION

- 9.1 INTRODUCTION
- 9.2 WESTERN EUROPE
 - 9.2.1 GERMANY
 - 9.2.2 FRANCE
 - 9.2.3 ITALY
 - 9.2.4 U.K.
 - 9.2.5 NETHERLANDS
 - 9.2.6 SPAIN
 - 9.2.7 OTHERS
- 9.3 ASIA
 - 9.3.1 TURKEY
 - 9.3.2 RUSSIA
 - 9.3.3 OTHERS
- 9.4 NORTH AMERICA

- 9.4.1 U.S.
- 9.4.2 MEXICO
- 9.4.3 CANADA
- 9.5 ASIA-PACIFIC
 - 9.5.1 CHINA
 - 9.5.2 JAPAN
 - 9.5.3 SOUTH KOREA
 - 9.5.4 INDIA
 - 9.5.5 MALAYSIA
 - 9.5.6 THAILAND
 - 9.5.7 INDONESIA
 - 9.5.8 OTHERS
- 9.6 LATIN AMERICA
 - 9.6.1 BRAZIL
 - 9.6.2 ARGENTINA
 - 9.6.3 OTHERS
- 9.7 MIDDLE EAST & AFRICA
 - 9.7.1 SAUDI ARABIA
 - 9.7.2 UAE
 - 9.7.3 OTHERS

10 COMPETITIVE LANDSCAPE

- 10.1 INTRODUCTION
- 10.2 AGREEMENT/COLLABORATION: THE MOST POPULAR GROWTH STRATEGY
- 10.3 COMPETITIVE SITUATIONS AND TRENDS
 - 10.3.1 AGREEMENT/COLLABORATION
 - 10.3.2 JOINT VENTURE
 - 10.3.3 EXPANSION
 - 10.3.4 NEW PRODUCT LAUNCH/DEVELOPMENT
 - 10.3.5 MERGER & ACQUISITION
 - 10.3.6 PARTNERSHIP
- 10.4 GLOBAL PRODUCTION CAPACITY OF BIO-BASED SUCCINIC ACID

11 COMPANY PROFILES

(Overview, Financial*, Products & Services, Strategy, and Developments)

11.1 BIOAMBER

Succinic Acid Market by Type (Bio-based, Petro-based), Application (Polyurethane, Resins, Coatings & Pigments,...

- 11.2 MYRIANT CORPORATION
- 11.3 KAWASAKI KASEI CHEMICALS LTD.
- 11.4 LINYI LIXING CHEMICAL CO., LTD.
- 11.5 ANHUI SUNSING CHEMICALS CO., LTD.
- 11.6 MITSUBISHI CHEMICAL HOLDINGS CORPORATION
- 11.7 SUCCINITY
- 11.8 NIPPON SHOKUBAI CO. LTD
- 11.9 GADIV PETROCHEMICAL INDUSTRIES LTD.
- 11.10 REVERDIA
- 11.11 ADDITIONAL COMPANY PROFILES
 - 11.11.1 ASTATECH (CHENGDU) BIOPHARMACEUTICAL CORP.
 - 11.11.2 R-BIOPHARM AG
 - 11.11.3 EVONIK INDUSTRIES
 - 11.11.4 THYSSENKRUPP
 - 11.11.5 NATUREWORKS LLC
 - 11.11.6 SIGMA-ALDRICH
 - 11.11.7 SINOPEC YANGZI PETROCHEMICAL
 - 11.11.8 NEW JAPAN CHEMICAL CO., LTD.
 - 11.11.9 TCI CHEMICALS (INDIA) PVT LTD.
 - 11.11.10 GRAUER & WEIL (I) LTD.
 - 11.11.11 MAANVI CHEMICALS & FERTILIZERS
 - 11.11.12 SPECTRUM CHEMICAL MFG. CORP.
 - 11.11.13 ANQING HEXING CHEMICAL CO. LTD.
 - 11.11.14 THIRUMALAI CHEMICALS LIMITED
 - 11.11.15 SRS PHARMACEUTICALS PVT LTD.
 - 11.11.16 SS PHARMACHEM
 - 11.11.17 DC CHEMICAL CO., LTD.
 - 11.11.18 DPX FINE CHEMICALS
 - 11.11.19 JOHNSON MATTHEY DAVY TECHNOLOGIES
 - 11.11.20 SHANDONG CHEMICAL CO., LTD.
 - 11.11.21 YANTAI SHANSHUI CHEMICAL TECHNOLOGY CO., LTD.

*Details might not be captured in case of unlisted companies

12 APPENDIX

- 12.2 DISCUSSION GUIDE
- 12.3 KNOWLEDGE STORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL
- 12.4 AVAILABLE CUSTOMIZATIONS

12.5 RELATED REPORTS

List Of Tables

LIST OF TABLES

TABLE 1 SUCCINIC ACID MARKET, BY TYPE

TABLE 2 SUCCINIC ACID MARKET, BY APPLICATION

TABLE 3 N-BUTANE BULK PRICES, 2015 (USD/TON)

TABLE 4 MALEIC ANHYDRIDE: BULK PRICES, 2014–2021 (USD/METRIC TON)

TABLE 5 MAIZE PRICE TRENDS (USD/METRIC TON), 2014–2016

TABLE 6 WHEAT PRICE TRENDS (USD/TON), 2014–2016

TABLE 7 SUGARCANE PRODUCTION (MILLION TONS) & PRICE TRENDS
(USD/TON), 2014–2021

TABLE 8 TAPIOCA (CASSAVA) PRODUCTION (MILLION TONS) & PRICE TRENDS
(USD/METRIC TON), 2014–2021

TABLE 9 PETRO-BASED PRODUCTION PROCESS OF SUCCINIC ACID

TABLE 10 BIO-BASED PRODUCTION PROCESS OF SUCCINIC ACID

TABLE 11 SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 12 SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 13 PETRO-BASED SUCCINIC ACID MARKET SIZE, BY REGION, 2014–2021
(USD MILLION)

TABLE 14 PETRO-BASED SUCCINIC ACID MARKET SIZE, BY REGION, 2014–2021
(KILOTON)

TABLE 15 BIO-BASED SUCCINIC ACID MARKET SIZE, BY REGION, 2014–2021
(USD MILLION)

TABLE 16 BIO-BASED SUCCINIC ACID MARKET SIZE, BY REGION, 2014–2021
(KILOTON)

TABLE 17 SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD
MILLION)

TABLE 18 SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 19 SUCCINIC ACID MARKET SIZE IN RESINS, COATINGS, AND PIGMENTS
APPLICATION, BY REGION, 2014–2021 (USD MILLION)

TABLE 20 SUCCINIC ACID MARKET SIZE IN RESINS, COATINGS, AND PIGMENTS
APPLICATION, BY REGION, 2014–2021 (KILOTON)

TABLE 21 PHARMACEUTICALS MARKET SIZE IN FURNITURE APPLICATION, BY
REGION, 2014–2021 (USD MILLION)

TABLE 22 PHARMACEUTICALS MARKET SIZE IN FURNITURE APPLICATION, BY
REGION, 2014–2021 (KILOTON)

TABLE 23 SUCCINIC ACID MARKET SIZE IN FOOD & BEVERAGE APPLICATION,
BY REGION, 2014–2021 (USD MILLION)

TABLE 24 SUCCINIC ACID MARKET SIZE IN FOOD & BEVERAGE APPLICATION, BY REGION, 2014–2021 (KILOTON)

TABLE 25 SUCCINIC ACID MARKET SIZE IN POLYURETHANE APPLICATION, BY REGION, 2014–2021 (USD MILLION)

TABLE 26 SUCCINIC ACID MARKET SIZE IN POLYURETHANE APPLICATION, BY REGION, 2014–2021 (KILOTON)

TABLE 27 SUCCINIC ACID MARKET SIZE IN PBS/PBST APPLICATION, BY REGION, 2014–2021 (USD MILLION)

TABLE 28 SUCCINIC ACID MARKET SIZE IN PBS/PBST APPLICATION, BY REGION, 2014–2021 (KILOTON)

TABLE 29 SUCCINIC ACID MARKET SIZE IN PERSONAL CARE APPLICATION, BY REGION, 2014–2021 (USD MILLION)

TABLE 30 SUCCINIC ACID MARKET SIZE IN PERSONAL CARE APPLICATION, BY REGION, 2014–2021 (KILOTON)

TABLE 31 SUCCINIC ACID MARKET SIZE IN PLASTICIZERS APPLICATION, BY REGION, 2014–2021 (USD MILLION)

TABLE 32 SUCCINIC ACID MARKET SIZE IN PLASTICIZERS APPLICATION, BY REGION, 2014–2021 (KILOTON)

TABLE 33 SUCCINIC ACID MARKET SIZE IN DE-ICER SOLUTIONS APPLICATION, BY REGION, 2014–2021 (USD MILLION)

TABLE 34 SUCCINIC ACID MARKET SIZE IN DE-ICER SOLUTIONS APPLICATION, BY REGION, 2014–2021 (KILOTON)

TABLE 35 SUCCINIC ACID MARKET SIZE IN SOLVENTS & LUBRICANTS APPLICATION, BY REGION, 2014–2021 (USD MILLION)

TABLE 36 SUCCINIC ACID MARKET SIZE IN SOLVENTS & LUBRICANTS APPLICATION, BY REGION, 2014–2021 (KILOTON)

TABLE 37 SUCCINIC ACID MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2014–2021 (USD MILLION)

TABLE 38 SUCCINIC ACID MARKET SIZE IN OTHER APPLICATIONS, BY REGION, 2014–2021 (KILOTON)

TABLE 39 SUCCINIC ACID MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

TABLE 40 SUCCINIC ACID MARKET SIZE, BY REGION, 2014–2021 (KILOTON)

TABLE 41 WESTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

TABLE 42 WESTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON)

TABLE 43 WESTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 44 WESTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY TYPE,

2014–2020 (KILOTON)

TABLE 45 WESTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD MILLION)

TABLE 46 WESTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 47 GERMANY: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 48 GERMANY: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 49 GERMANY: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 50 GERMANY: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 51 FRANCE: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 52 FRANCE: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 53 FRANCE: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 54 FRANCE: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 55 ITALY: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 56 ITALY: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 57 ITALY: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 58 ITALY: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 59 U.K.: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 60 U.K.: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 61 U.K.: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 62 U.K.: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 63 NETHERLANDS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 64 NETHERLANDS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 65 NETHERLANDS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 66 NETHERLANDS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 67 SPAIN: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 68 SPAIN: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 69 SPAIN: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 70 SPAIN: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 71 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 72 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 73 OTHERS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 74 OTHERS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 75 CENTRAL & EASTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

TABLE 76 CENTRAL & EASTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON)

TABLE 77 CENTRAL & EASTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 78 CENTRAL & EASTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 79 CENTRAL & EASTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 80 CENTRAL & EASTERN EUROPE: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 81 TURKEY: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 82 TURKEY: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 83 TURKEY: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 84 TURKEY: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 85 RUSSIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 86 RUSSIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 87 RUSSIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021

(USD THOUSAND)

TABLE 88 RUSSIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021
(TON)

TABLE 89 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD
MILLION)

TABLE 90 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 91 OTHERS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021
(USD THOUSAND)

TABLE 92 OTHERS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021
(TON)

TABLE 93 NORTH AMERICA: SUCCINIC ACID MARKET SIZE, BY COUNTRY,
2014–2021 (USD MILLION)

TABLE 94 NORTH AMERICA: SUCCINIC ACID MARKET SIZE, BY COUNTRY,
2014–2021 (KILOTON)

TABLE 95 NORTH AMERICA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021
(USD MILLION)

TABLE 96 NORTH AMERICA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2020
(KILOTON)

TABLE 97 NORTH AMERICA: SUCCINIC ACID MARKET SIZE, BY APPLICATION,
2014–2021 (USD MILLION)

TABLE 98 NORTH AMERICA: SUCCINIC ACID MARKET SIZE, BY APPLICATION,
2014–2021 (KILOTON)

TABLE 99 U.S.: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD
MILLION)

TABLE 100 U.S.: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 101 U.S.: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021
(USD MILLION)

TABLE 102 U.S.: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021
(TON)

TABLE 103 MEXICO.: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD
MILLION)

TABLE 104 MEXICO: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 105 MEXICO: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021
(USD THOUSAND)

TABLE 106 MEXICO: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021
(TON)

TABLE 107 CANADA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD
MILLION)

TABLE 108 CANADA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 109 CANADA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (USD THOUSAND)

TABLE 110 CANADA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (KILOTON)

TABLE 111 ASIA-PACIFIC: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION)

TABLE 112 ASIA-PACIFIC: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014-2021 (KILOTON)

TABLE 113 ASIA-PACIFIC: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014-2021 (USD MILLION)

TABLE 114 ASIA-PACIFIC: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014-2021 (KILOTON)

TABLE 115 ASIA-PACIFIC: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (USD MILLION)

TABLE 116 ASIA-PACIFIC: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (KILOTON)

TABLE 117 CHINA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014-2021 (USD MILLION)

TABLE 118 CHINA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014-2021 (KILOTON)

TABLE 119 CHINA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (USD THOUSAND)

TABLE 120 CHINA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (TON)

TABLE 121 JAPAN: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014-2021 (USD MILLION)

TABLE 122 JAPAN: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014-2021 (TON)

TABLE 123 JAPAN: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (USD THOUSAND)

TABLE 124 JAPAN: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (TON)

TABLE 125 SOUTH KOREA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014-2021 (USD MILLION)

TABLE 126 SOUTH KOREA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014-2021 (TON)

TABLE 127 SOUTH KOREA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (USD THOUSAND)

TABLE 128 SOUTH KOREA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014-2021 (TON)

TABLE 129 INDIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD THOUSAND)

TABLE 130 INDIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 131 INDIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 132 INDIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 133 MALAYSIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 134 MALAYSIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 135 MALAYSIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 136 MALAYSIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 137 THAILAND: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 138 THAILAND: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 139 THAILAND: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 140 THAILAND: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 141 INDONESIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 142 INDONESIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 143 INDONESIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 144 INDONESIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 145 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 146 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 147 OTHERS IN ASIA-PACIFIC: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 148 OTHERS IN ASIA-PACIFIC: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 149 LATIN AMERICA: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

TABLE 150 LATIN AMERICA: SUCCINIC ACID MARKET SIZE, BY COUNTRY,

2014–2021 (KILOTON)

TABLE 151 LATIN AMERICA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 152 LATIN AMERICA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 153 LATIN AMERICA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 154 LATIN AMERICA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 155 BRAZIL: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 156 BRAZIL: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 157 BRAZIL: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 158 BRAZIL: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 159 ARGENTINA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 160 ARGENTINA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 161 ARGENTINA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 162 ARGENTINA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 163 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 164 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 165 OTHERS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 166 OTHERS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 167 MIDDLE EAST & AFRICA: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014–2021 (USD MILLION)

TABLE 168 MIDDLE EAST & AFRICA: SUCCINIC ACID MARKET SIZE, BY COUNTRY, 2014–2021 (KILOTON)

TABLE 169 MIDDLE EAST & AFRICA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 170 MIDDLE EAST & AFRICA: SUCCINIC ACID MARKET SIZE, BY TYPE,

2014–2020 (KILOTON)

TABLE 171 MIDDLE EAST & AFRICA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 172 MIDDLE EAST & AFRICA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 173 SAUDI ARABIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 174 SAUDI ARABIA: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (KILOTON)

TABLE 175 SAUDI ARABIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 176 SAUDI ARABIA: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 177 UAE: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 178 UAE: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 179 UAE: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 180 UAE: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (TON)

TABLE 181 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

TABLE 182 OTHERS: SUCCINIC ACID MARKET SIZE, BY TYPE, 2014–2021 (TON)

TABLE 183 OTHERS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (USD THOUSAND)

TABLE 184 OTHERS: SUCCINIC ACID MARKET SIZE, BY APPLICATION, 2014–2021 (KILOTON)

TABLE 185 AGREEMENT/COLLABORATION, 2012–2016

TABLE 186 JOINT VENTURE, 2012–2016

TABLE 187 EXPANSION, 2012–2016

TABLE 188 NEW PRODUCT LAUNCH/DEVELOPMENT 2012–2016

TABLE 189 MERGER & ACQUISITION, 2012–2016

TABLE 190 PARTNERSHIP, 2012–2016

TABLE 191 COMPANIES PRODUCING BIO-SUCCINIC ACID AND THEIR RESPECTIVE PRODUCTION CAPACITIES (METRIC TON PER ANNUM)

About

This research report categorizes the global market for succinic acid market on the basis of source, application, and region along with forecast of volume, value, and also analyzes the trends in each of the submarkets.

Some the prominent players in "Succinic Acid Market " are:

BioAmber Inc (U.S.)

Gadiv Petrochemical industries ltd (Israel)

Kawasaki Kasei Chemicals Ltd (Japan)

PTT Global Chemical Public Co. Ltd (Thailand)

Europe was the largest market globally for succinic acid in 2013 in terms of value. Germany is the key consumer of succinic acid in Europe. Rising environmental concerns coupled with presence of domestic bio-based succinic acid manufacturers have shifted consumer focus towards sustainable and environment-friendly chemicals. Pharmaceuticals & Personal Care application is the fastest growing segment for succinic acid in Europe. The largest manufacturers of bio-based succinic acid in this region are Succinity GmbH (Germany), Reverdia (The Netherlands).

The demand for conventional succinic acid in the region is strong due to high usage in the growing end-use applications; APAC is estimated to grow at a CAGR of 27.4% between 2014 and 2019. However, the North American region is also experiencing a shift from conventional succinic acid to bio-based succinic acid consumption. China is the largest consumer of succinic acid in APAC region and is expected to grow at a CAGR of 30.5% between 2014 and 2019. The flourishing pharmaceuticals & Personal Care industry is resulting in the higher succinic acid demand from the country.

I would like to order

Product name: Succinic Acid Market by Type (Bio-based, Petro-based), Application (Polyurethane, Resins, Coatings & Pigments, Pharmaceuticals, Plasticizers, Food & Beverage, PBS/PBST, Solvents & Lubricants, De-Icer Solutions, Personal Care, and Others), and by Region - Global Forecast to 2021

Product link: <https://marketpublishers.com/r/G25505F68A2EN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G25505F68A2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970