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Green/Bio-Based Solvents Market by Type (Esters, Alcohols, diols & glycols, D-Limonene) and Application (Adhesives & Sealants, Printing Ink, Industrial & Domestic Cleaners, Paints & Coatings) - Global Opportunity Analysis and Industry Forecast, 2014 - 2020

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Abstracts

Green solvents are derived from the agricultural sources, such as corn, sugarcane, lactic acid, refined glycerin, bio succinic acid, soybean oil and similar others. Eco-friendly nature and low volatile organic compound (VOC) content emission than conventional petroleum based solvent were the prime reason for manufacturers to shift towards green solvent. In 2014, the market for green solvents stood at 2,600 kilotons and is expected to grow at a CAGR of 4.3% during 2015-2020. Volatility in the crude oil prices, hazardous environmental effects of volatile organic compounds and increasing adoption of green solvents in the end user industries such as paints and coating, printing inks and similar others are the key factors driving the growth of global green solvents market. However, its high production cost hampers the market growth to certain extent.
Green solvents are consumed across wide range of industries such as paints & coatings, printing inks, adhesives & sealants and industrial & domestic cleaning among others. Paints and coatings application segment would continue to lead the global green solvents market throughout the forecast period. Increasing environmental concerns in conjunction with rising consumer awareness towards eco-friendly products fuels the adoption of green solvent in paints and coating industry. Furthermore, the pace of consumption of green solvents in industrial & domestic cleaning industry will be highest during the forecast period. This is due to increasing concern of health and hygiene among household consumers' and institutional workers.

Green solvents market has been segmented by type as esters, alcohols, diols & glycols, D-limonene and others. Furthermore, esters are segmented into lactate esters, methyl esters & others and alcohols, diols & glycols are segmented into solketal, isobutanol and others. The consumption of esters in the overall green solvents market will be highest during 2014-2020 due to its wide application area, comparatively lower price than other green solvents and easy availability. In terms of geography, the market has been segmented into North America, Europe, and Asia Pacific & LAMEA. North America would continue to dominate the market through 2020, due to intense awareness among the consumers for the adoption of green solvents and robust improvement in the U.S. & Mexican construction industry. However, Asia Pacific will be the fastest growing market and is expected to grow at a CAGR of 6.2% during 2015-2020.

Competitive Intelligence on prominent manufacturers of green solvents provide key insights in terms of strategies implemented to gain significant share in the green solvents market. Some of the leading manufacturers profiled in this report includes BASF SE, BioAmber Inc., Myriant Corporation, Dow Chemicals, Cargill Incorporated, Gevo Inc., Vertec Bio solvents Inc., Florida Chemicals, Lyondellbasell and E.I du Pont de Numerous and Company, Solvay S.A and Huntsman Corporation.

Key benefits

The report includes extensive analysis of the factors driving as well as restraining the global green solvents market.

The market estimations for the period 2014-2020 have been included along with factors affecting the same.

The report also provides quantitative as well as qualitative market trends to help the stakeholders to analyze the current situation prevailing in the market.

An in-depth analysis of key segments of the market demonstrates stakeholders with different types of green solvents consumed across different industries.

SWOT analysis enables to study the internal environment of the leading companies for strategy formulation.

Competitive intelligence highlights the business practices followed by the leading market players across various geographies.

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Key market segment
The market for global green solvents is segmented as
GLOBAL GREEN SOLVENTS MARKET - BY TYPES

- Esters
  - Lactate Esters
  - Methyl Esters
  - Others
- Alcohols, diols & glycols
  - Solketal
  - Isobutanol
- D-Limonene
- Others

GLOBAL GREEN SOLVENTS MARKET - BY APPLICATION

- Paints & Coatings
- Adhesives & Sealants
- Printing Ink
- Industrial & Domestic Cleaners
- Others

GLOBAL GREEN SOLVENTS MARKET - BY GEOGRAPHY

- North America

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Europe

Asia Pacific

LAMEA

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Contents

CHAPTER 1 INTRODUCTION

1.1 Report description
1.2 Key benefits
1.3 Key market segment
1.4 Research methodology
  1.4.1 Secondary research
  1.4.2 Primary research
  1.4.3 Analyst tools and models

CHAPTER 2 EXECUTIVE SUMMARY

2.1 CXO perspective
2.2 Market beyond what to expect by 2025
  2.2.1 Moderate growth scenario
  2.2.2 Rapid growth scenario
  2.2.3 Diminishing growth scenario

CHAPTER 3 MAKRET OVERVIEW

3.1 Market definition and scope
3.2 Key findings
  3.2.1 Top factors impacting global green solvents market
  3.2.2 Top investment pockets
  3.2.3 Top winning strategies of Global Green solvents market
3.3 Comparative analysis of petrochemical and green solvents
3.4 Porters five force analysis
  3.4.1 Low bargaining power of the supplier
  3.4.2 High bargaining power of the buyer
  3.4.3 Moderate threat of substitute
  3.4.4 Less competitive rivalry
  3.4.5 Less threat of new entrants
3.5 Value chain analysis
3.6 PESTLE analysis
  3.6.1 Political
  3.6.2 Economic
  3.6.3 Social

3.6.4 Technological
3.6.5 Legal
3.6.6 Environmental
3.7 Raw material analysis
3.7.1 Corn
3.7.2 Sugarcane
3.7.3 Lactic Acid
3.7.4 Refined Glycerine
3.7.5 Bio Succinic acid
3.7.6 Soybean Oil
3.8 Market Drivers
3.8.1 Hazardouds environmental effects of VOC
3.8.2 Increasing adoption of green solvents in the end user market
3.8.3 Volatile prices of crude oil
3.8.4 Emerging economies
3.9 Market restraints
3.9.1 Cost of green solvent production
3.10 Market opportunities
3.10.1 Support from the federal governments
3.10.2 Implementation of regulatory frameworks in the developing countries

CHAPTER 4 GLOBAL GREEN SOLVENTS MARKET, BY TYPE

4.1 Ester Solvents
4.1.1 Key market trends
4.1.2 Key growth factors and opportunities
4.1.3 Comparative analysis
4.1.4 Market size and forecast
4.1.5 Types of Ester Solvent
4.1.5.1 Lactate Esters
4.1.5.2 Methyl Esters
4.2 D-Limonene
4.2.1 Key market trends
4.2.2 Key growth factors and opportunities
4.2.3 Comparative analysis
4.2.4 Market size and forecast
4.3 Alcohol, Glycols & Diols Solvents
4.3.1 Key market trends
4.3.2 Key growth factors and opportunities

4.3.3 Comparative analysis
4.3.4 Market size and forecast
4.3.5 Types of Alcohols, Diols & Glycols
4.3.5.1 Solketal
4.3.5.2 Iso-butanol
4.3.5.3 Others
4.4 Others
4.4.1 Key market trends
4.4.2 Key growth factors and opportunities
4.4.3 Comparative analysis
4.4.4 Market size and forecast

CHAPTER 5 GLOBAL GREEN SOLVENTS MARKET, BY APPLICATION

5.1 Paints and coatings
5.1.1 Market size and forecast
5.2 Adhesives and sealants
5.2.1 Market size and forecast
5.3 Printing ink
5.3.1 Market size and forecast
5.4 Industrial and domestic cleaner
5.4.1 Market size and forecast
5.5 Others (Pharmaceuticals and personal care)
5.5.1 Market size and forecast

CHAPTER 6 GLOBAL GREEN SOLVENTS MARKET- BY GEOGRAPHY

6.1 North America
6.1.1 Key market trends
6.1.2 Key growth factors and opportunities
6.1.3 Market size and forecast
6.2 Europe
6.2.1 Key market trends
6.2.2 Key growth factors and opportunities
6.2.3 Market size and forecast
6.3 Asia Pacific
6.3.1 Key market trends
6.3.2 Key growth factors and opportunities
6.3.3 Market size and forecast

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6.4 LAMEA
6.4.1 Key market trends
6.4.2 Key growth factors and opportunities
6.4.3 Market size and forecast

CHAPTER 7 COMPANY PROFILE

7.1 BASF SE
7.1.1 Company overview
7.1.2 Financial performance
7.1.3 Strategic moves and developments
7.1.4 SWOT analysis of BASF SE
7.2 Bio-Amber Inc.
7.2.1 Company overview
7.2.2 Financial performance
7.2.3 Strategic moves and developments
7.2.4 SWOT analysis of Bio-Amber Inc
7.3 Myriant Corporation
7.3.1 Company overview
7.3.2 Strategic moves and developments
7.3.3 SWOT analysis of Myriant Corporation
7.4 Dow Chemicals
7.4.1 Company overview
7.4.2 Financial performance
7.4.3 SWOT analysis of DOW Chemicals
7.5 Cargill Incorporated
7.5.1 Company overview
7.5.2 Financial performance
7.5.3 Strategic moves and developments
7.5.4 SWOT analysis of Cargill Incorporated
7.6 Gevo, Inc.
7.6.1 Company overview
7.6.2 Financial performance
7.6.3 Strategic moves and developments
7.6.4 SWOT analysis of Gevo, Inc.
7.7 Vertec Biosolvents, Inc.
7.7.1 Company overview
7.7.2 Strategic moves and developments
7.7.3 SWOT analysis of Vertec Biosolvents Inc.

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7.8 Florida Chemicals, Inc.
7.8.1 Company overview
7.8.2 Strategic moves and developments
7.8.3 SWOT analysis of Florida Chemicals, Inc.
7.9 LyondellBasell
7.9.1 Company overview
7.9.2 Financial performance
7.9.3 Strategic moves and development
7.9.4 SWOT analysis of Lyondell basell
7.10 E.I. du Pont de Nemours and Company
7.10.1 Company overview
7.10.2 Financial performance
7.10.3 Strategic moves and developments
7.10.4 SWOT analysis of E.I. Du Pont De Numerous and Company
7.11 Huntsman Corp
7.11.1 Company overview
7.11.2 Financial performance
7.11.3 SWOT analysis of Huntsman Corp
7.12 Solvay S.A
7.12.1 Company overview
7.12.2 Financial performance
7.12.3 SWOT analysis of Solvay

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List Of Tables

LIST OF TABLES

TABLE 1 GLOBAL GREEN SOLVENTS MARKET MODERATE GROWTH SCENARIO VOLUME, BY GEOGRAPHY, 2020 2025 (KILO TON)
TABLE 2 GLOBAL GREEN SOLVENTS MARKET MODERATE GROWTH SCENARIO VALUE, BY GEOGRAPHY, 2020 2025 ($MILLION)
TABLE 3 GLOBAL GREEN SOLVENTS MARKET RAPID GROWTH SCENARIO VOLUME, BY GEOGRAPHY, 2020 2025 (KILO TON)
TABLE 4 GLOBAL GREEN SOLVENTS MARKET RAPID GROWTH SCENARIO VALUE, BY GEOGRAPHY, 2020 2025 ($MILLION)
TABLE 5 GLOBAL GREEN SOLVENTS MARKET DIMINISHING GROWTH SCENARIO VOLUME, BY GEOGRAPHY, 2020 2025 (KILO TONS)
TABLE 6 GLOBAL GREEN SOLVENTS MARKET DIMINISHING GROWTH SCENARIO VALUE, BY GEOGRAPHY, 2020 2025 ($MILLION)
TABLE 7 COMPARATIVELY ANALYSIS OF GREEN AND PETROLEUM BASED SOLVENTS
TABLE 8 RELATIVE PRICES OF SOME TRADITIONAL AND BIO BASED SOLVENTS
TABLE 9 GREENHOUSE GAS EMISSION (GHG) IN PRODUCTION (KG CO2E/KG SUCCINIC ACID)
TABLE 10 ENERGY USED (MJ/KG SUCCINIC ACID)
TABLE 11 VOLATILE ORGANIC COMPOUND EMISSIONS, CANADA, 1990 TO 2013
TABLE 12 CRUDE OIL PRICES
TABLE 13 GLOBAL TANGERINE/MANDARIN PRODUCTION
TABLE 14 GLOBAL GREEN SOLVENTS MARKET, BY TYPE, VOLUME, 2014-2020 (KILO TONS)
TABLE 15 GLOBAL GREEN SOLVENTS MARKET, BY TYPE, VALUE, 2014-2020 ($MILLION)
TABLE 16 COMPARATIVE ANALYSIS OF ESTERS
TABLE 17 GLOBAL ESTER SOLVENT MARKET, BY GEOGRAPHY, VOLUME, 2014-2020 (KILO TONS)
TABLE 18 GLOBAL ESTER SOLVENT MARKET, BY GEOGRAPHY, VALUE,2014-2020 ($MILLION)
TABLE 19 GLOBAL ESTERS MARKET, BY TYPE, VOLUME (IN KILO TONS), 2014-2020
TABLE 20 GLOBAL ESTERS BY TYPE, VALUE (IN $ MILLION), 2014-2020
TABLE 21 HEADINGCOMPARATIVE ANALYSIS OF D-LIMONENE
TABLE 22 GLOBAL D-LIMONENE MARKET, BY GEOGRAPHY,

VOLUME,2014-2020(KILO TONS)
TABLE 23 GLOBAL D-LIMONENE MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 24 HEADING COMPARATIVE ANALYSIS OF ALCOHOLS, GLYCOLS & DIOLS
TABLE 25 GLOBAL ALCOHOLS, DIOLS & GLYCOLS MARKET, BY GEOGRAPHY, VOLUME, 2014-2020 (KILO TONS)
TABLE 26 GLOBAL ALCOHOLS, DIOLS & GLYCOLS MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 27 GLOBAL ALCOHOLS, GLYCOLS & DIOLS MARKET, BY TYPE, VOLUME (IN KILO TONS), 2014-2020
TABLE 28 GLOBAL ALCOHOLS, GLYCOLS & DIOLS MARKET, BY TYPE, VALUE (IN $ MILLION), 2014-2020
TABLE 29 COMPARATIVE ANALYSIS OF BIOSUCCINIC ACID
TABLE 30 GLOBAL OTHERS MARKET, BY GEOGRAPHY, VOLUME, 2014-2020 (KILO TONS)
TABLE 31 GLOBAL OTHERS MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 32 GLOBAL GREEN SOLVENTS MARKET, BY APPLICATION, VOLUME, 2014-2020 (KILO TONS)
TABLE 33 GLOBAL GREEN SOLVENTS MARKET, BY APPLICATION, VALUE, 2014-2020 ($MILLION)
TABLE 34 GLOBAL PAINTS & COATING SOLVENTS MARKET, BY GEOGRAPHY, VOLUME, 2014-2020 (KILO TONS)
TABLE 35 GLOBAL PAINTS & COATING SOLVENTS MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 36 GLOBAL ADHESIVES & SEALANTS SOLVENTS MARKET, BY GEOGRAPHY, VOLUME, 2014-2020 (KILO TONS)
TABLE 37 GLOBAL ADHESIVES & SEALANTS SOLVENTS MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 38 GLOBAL PRINTING INKS SOLVENTS MARKET, BY GEOGRAPHY, VOLUME, 2014-2020 (KILO TONS)
TABLE 39 GLOBAL PRINTING INKS SOLVENTS MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 40 GLOBAL INDUSTRIAL AND DOMESTIC CLEANER SOLVENTS MARKET, BY GEOGRAPHY, VOLUME, 2014-2020 (KILO TONS)
TABLE 41 GLOBAL INDUSTRIAL AND DOMESTIC CLEANER SOLVENTS MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 42 GLOBAL OTHERS SOLVENTS MARKET, BY GEOGRAPHY, VOLUME,

2014-2020 (KILO TONS)
TABLE 43 GLOBAL OTHERS SOLVENTS MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 44 GLOBAL GREEN SOLVENTS MARKET, BY GEOGRAPHY, VOLUME, 2014-2020 (KILO TONS)
TABLE 45 GLOBAL GREEN SOLVENTS MARKET, BY GEOGRAPHY, VALUE, 2014-2020 ($MILLION)
TABLE 46 NORTH AMERICA GREEN SOLVENTS MARKET, BY APPLICATION, VOLUME, 2014-2020 (KILO TONS)
TABLE 47 NORTH AMERICA GREEN SOLVENTS MARKET, BY APPLICATION, VALUE, 2014-2020 ($MILLION)
TABLE 48 EUROPE GREEN SOLVENTS MARKET, BY APPLICATION, VOLUME, 2014-2020 (KILO TONS)
TABLE 49 EUROPE GREEN SOLVENTS MARKET, BY APPLICATION, VALUE, 2014-2020 ($MILLION)
TABLE 50 ASIA-PACIFIC GREEN SOLVENTS MARKET, BY APPLICATION, VOLUME, 2014-2020 (KILO TONS)
TABLE 51 ASIA-PACIFIC GREEN SOLVENTS MARKET, BY APPLICATION, VALUE, 2014-2020 ($MILLION)
TABLE 52 LAMEA GREEN SOLVENTS MARKET, BY APPLICATION, VOLUME, 2014-2020 (KILO TONS)
TABLE 53 LAMEA SOLVENTS MARKET, BY APPLICATION, VALUE, 2014-2020 ($MILLION)
TABLE 54 BASF SE SNAPSHOT
TABLE 55 BIO-AMBER, INC. SYSTEM SNAPSHOT
TABLE 56 TABLE 1 MYRIANT CORPORATION SNAPSHOT
TABLE 57 DOW CHEMICALS SNAPSHOT
TABLE 58 CARGILL INCORPORATED SNAPSHOT
TABLE 59 SNAPSHOT OF GEVO, INC
TABLE 60 SNAPSHOT OF VERTEC BIOSOLVENTS, INC
TABLE 61 SNAPSHOT OF FLORIDA CHEMICALS
TABLE 62 SNAPSHOT OF LYONDELLBASELL
TABLE 63 SNAPSHOT OF E. I. DU PONT DE NUMEROUS AND COMPANY
TABLE 64 SNAPSHOT OF HUNTSMAN CORP
TABLE 65 SNAPSHOT OF SOLVAY SA

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List Of Figures

LIST OF FIGURES

FIG. 1 TOP IMPACTING FACTORS, MODERATE GROWTH SCENARIO (2020 - 2025).
FIG. 2 TOP IMPACTING FACTORS, RAPID GROWTH SCENARIO (2020 - 2025)
FIG. 3 TOP IMPACTING FACTORS, DIMINISHING GROWTH SCENARIO (2020 - 2025)
FIG. 4 TOP FACTORS IMPACTING GLOBAL GREEN SOLVENTS MARKET
FIG. 5 TOP INVESTMENT POCKETS
FIG. 6 TOP WINNING STRATEGIES IN GLOBAL GREEN SOLVENTS MARKET
FIG. 7 TOP WINNING STRATEGIRS BY PRODUCT TYPE
FIG. 8 VITAL FACTORS INFLUENCING ADOPTION OF BIO SUCCINIC ACID
FIG. 9 VALUE CHAIN ANALYSIS OF GLOBAL GREEN SOLVENTS MARKET
FIG. 10 GLOBAL CORN PRODUCTION, BY GEOGRAPHY, 2014
FIG. 11 GLOBAL SUGARCANE PRODUCTION, BY GEOGRAPHY, 2013
FIG. 12 BASF SE REVENUE BY YEAR, $MILLION
FIG. 13 BASF SE REVENUE BY BUSINESS SEGMENTS (2014)
FIG. 14 BASF SE REVENUE BY GEOGRAPHY (2014)
FIG. 15 SWOT ANALYSIS OF BASF SE
FIG. 16 BIOAMBER, INC. REVENUE, $BILLION(20102014)
FIG. 17 SWOT ANALYSIS OF BIO-AMBER, INC.
FIG. 18 SWOT ANALYSIS OF MYRIANT CORPORATION
FIG. 19 DOW CHEMICALS REVENUE, $BILLION(20102014)
FIG. 20 FINANCIAL REVENUES OF DOW CHEMICALS BY SEGMENTS (2014)
FIG. 21 FINANCIAL REVENUES OF DOW CHEMICALS, BY GEOGRAPHY2014
FIG. 22 SWOT ANALYSIS OF DOW CHEMICALS
FIG. 23 KEY FINANCIALS OF CARGILL INCORPORATED, $MILLION (20102014)
FIG. 24 SWOT ANALYSIS OF CARGILL INCORPORATED
FIG. 25 SWOT ANALYSIS OF GEVO, INC.
FIG. 26 SWOT ANALYSIS OF VERTEC BIOSLVENTS, INC.
FIG. 27 SWOT ANALYSIS OF FLORIDA CHEMICALS, INC.
FIG. 28 LYONDELLBASELL ANNUAL REVENUES
FIG. 29 LYONDELLBASELL SEGMENTS, REVENUES, 2014
FIG. 30 SWOT ANALYSIS OF LYONDELLBASELL
FIG. 31 E. I. DU PONT DE NUMEROUS AND COMPANY, ANNUAL REVENUES
FIG. 32 SWOT ANALYSIS OF E.I. DU PONT DE NUMEROUS AND COMPANY
FIG. 33 HUNTSMAN CORP., REVENUES BY YEAR ($MILLION)

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FIG. 34 HUNTSMAN CORP., REVENUES BY DIVISION
FIG. 35 SWOT ANALYSIS OF HUNTSMAN CORP
FIG. 36 SOLVAY, REVENUES BY YEAR ($MILLION)
FIG. 37 SOLVAY, REVENUES BY REGION
FIG. 38 SOLVAY, REVENUES BY DIVISION
FIG. 39 SWOT ANALYSIS OF SOLVAY S.A.

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