Ionic Liquids Market by Application (Solvents & Catalysts, Process & Operating Fluids, Plastics, Batteries & Electrochemistry, Bio-Refineries) and by Region (North America, Europe, Asia-Pacific and Rest of World) - Global Forecast to 2021

Description: The market size of ionic liquids is estimated to reach USD 39.6 million by 2021 at a CAGR of 9.2% between 2016 and 2021. The rising demand for ionic liquids owing to their unique properties along with further development and commercialization of ionic liquid applications are the key drivers of the market. However, high costs of these liquids restrain the growth of this market.

“Solvents & catalysts is the largest application of ionic liquids”
Ionic liquids, also called designer solvents, and their properties can be customized according to the requirements of the processes and applications. These properties are influenced by the cation and anion used. Cations influence the toxicology and bio-degradability, whereas anions influence water stability. Viscosity, water miscibility, and cost of the liquids are influenced by the cation and anion used. Growing popularity of these liquids and their increase in use in various applications play a significant role in driving the market. Ionic liquids have unique set of properties, which makes them a potential replacement of industrial solvents or essential component in various applications. These liquids have low vapor pressure and VOC content, making them preferable to industrial solvents. Solvents & catalysts, process & operating fluids, plastics, batteries & electrochemistry, and bio-refineries are some of the most important applications of ionic liquids. With stringent regulations set by REACH and EPA regarding VOC contents, ionic liquids shall replace industrial solvents, which have high demand in a wide array of applications.

“Rising demand in Asia-Pacific is a major driver for ionic liquids market”
Asia-Pacific is the largest market for ionic liquids. China is the largest and fastest-growing market for ionic liquids. India, China, Japan, and Malaysia are important markets in Asia-Pacific. These countries have been adopting newer processes using ionic liquids. Companies have been developing newer ionic liquids according to their application needs. China Ionic Liquids Laboratories and Petronas Ionic Liquids Centre are some of the institutes conducting research on ionic liquid applications. Asia-Pacific is also one of the major chemicals manufacturing regions. The region has a large number of refineries that provide a major growth potential for ionic liquids, as these liquids can be used both as a solvent and a catalyst in various industrial applications.

Extensive primary interviews were conducted to determine and verify the market size for several segments and subsegments gathered through secondary research. The break-up of primary interviews is given below.
- By Company Type - Tier 1 – 25%, Tier 2 – 25%, and Others – 50%
- By Designation - C level – 50%, Director level – 31%, and Others – 19%
- By Region - North America – 24%, Europe – 49%, Asia-Pacific – 21%, and RoW- 6%

The key companies profiled in this market research report are BASF SE (Germany), Evonik Industries AG (Germany), Merck KGaA (Germany), Ionic Liquids Technologies (IoLiTec) GmbH (Germany), The Chemours Company (U.S.), Proionic (Austria), Solvionic SA (France), CoorsTek Specialty Chemicals (U.S.), Jinkai Chemical Co., Ltd. (China), Reinste Nanoventure (India), Tatva Chintan Pharma Chem Pvt. Ltd. (India), and Strem Chemicals Inc. (U.S.).

The report will help the market leaders/new entrants in this market in the following ways:
1. This report segments the ionic liquids market comprehensively and provides the closest approximations of market sizes for the overall market and subsegments across verticals and regions.
2. The report will help stakeholders understand the market dynamics and provide them information on the key market drivers, restraints, challenges, and opportunities.
8 Ionic Liquids Market, By Region
8.1 Introduction
8.2 North America
8.2.1 U.S.
8.2.2 Canada
8.2.3 Mexico
8.3 Europe
8.3.1 Germany
8.3.2 U.K.
8.3.3 Belgium
8.3.4 Rest of Europe
8.4 Asia-Pacific
8.4.1 China
8.4.2 Malaysia
8.4.3 Japan
8.4.4 India
8.4.5 Rest of Asia-Pacific
8.5 RoW
8.5.1 South America
8.5.2 Middle East & Africa (MEA)

9 Company Profiles
(Overview, Financial*, Products & Services, Strategy, and Developments)
9.1 BASF SE
9.2 Evonik Industries
9.3 Solvay S.A.
9.4 Merck KGAA
9.5 The Chemours Company
9.6 Proionic
9.7 Solvionic SA
9.8 Ionic Liquids Technologies Gmbh
9.9 Strem Chemicals Inc.
9.10 Coorstek Specialty Chemicals
9.11 Jinkai Chemical Co., Ltd.
9.12 Reinste Nanoventure

*Details Might Not Be Captured in Case of Unlisted Companies

10 Appendix
10.1 Insights From Industry Experts
10.2 Discussion Guide

List of Tables
Table 1 Ionic Liquids Market, By Application
Table 2 List of Companies Using Ionic Liquids for Different Applications
Table 3 Ionic Liquids Market, By Application, 2014-2021 (USD Thousand)
Table 4 Ionic Liquids Market Size in Solvents & Catalysts, By Region,2014-2021 (USD Thousand)
Table 5 Ionic Liquids Market Size in Process & Operating Fluids, By Region, 2014-2021 (USD Thousand)
Table 6 Ionic Liquids Market Size in Plastics, By Region,2014-2021 (USD Thousand)
Table 7 Ionic Liquids Market Size in Electrochemistry & Batteries, By Region, 2014-2021 (USD Thousand)
Table 8 Ionic Liquids Market Size in Bio-Refineries, By Region,2014-2021 (USD Thousand)
Table 9 Ionic Liquids Market Size in Top Countries, 2014-2021 (USD Thousand)
Table 10 Ionic Liquids Market Size, By Region, 2014-2021 (USD Thousand)
Table 11 North America: Ionic Liquids Market Size, By Country,2014-2021 (USD Thousand)
Table 12 North America: Ionic Liquids Market Size, By Application,2014-2021 (USD Thousand)
Table 13 U.S.: Ionic Liquids Market Size, By Application,2014-2021 (USD Thousand)
Table 14 Canada: Ionic Liquids Market Size, By Application,2014-2021 (USD Thousand)
Table 15 Mexico: Ionic Liquids Market Size, By Application,2014-2021 (USD Thousand)
Table 16 Europe: Ionic Liquids Market Size, By Country,2014-2021 (USD Thousand)
Table 17 Europe: Ionic Liquids Market Size, By Application,2014-2021 (USD Thousand)
Table 18 Germany: Ionic Liquids Market Size, By Application,2014-2021 (USD Thousand)
Table 19 U.K.: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 20 Belgium: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 21 Rest of Europe: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 22 Asia-Pacific: Ionic Liquids Market Size, By Country, 2014-2021 (USD Thousand)
Table 23 Asia-Pacific: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 24 China: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 25 Malaysia: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 26 Japan: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 27 India: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 28 Rest of Asia-Pacific: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 29 RoW: Ionic Liquids Market Size, By Region, 2014-2021 (USD Thousand)
Table 30 RoW: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 31 South America: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)
Table 32 MEA: Ionic Liquids Market Size, By Application, 2014-2021 (USD Thousand)

List of Figures

Figure 1 Market Segmentation: Ionic Liquids
Figure 2 Ionic Liquids Market: Research Design
Figure 3 Market Size Estimation: Bottom-Up Approach
Figure 4 Market Size Estimation: Top-Down Approach
Figure 5 Data Triangulation: Ionic Liquids Market
Figure 6 Solvents & Catalysts Segment Projected to Be the Dominant Application of Ionic Liquids Between 2016 and 2021 (Thousand USD)
Figure 7 Asia-Pacific Projected to Dominate the Ionic Liquids Market Between 2016 and 2021 (Thousand USD)
Figure 8 Asia-Pacific Led the Ionic Liquids Market in 2015
Figure 9 Bio-Refineries and Electrochemistry & Batteries Offer Attractive Opportunities in the Ionic Liquids Market
Figure 10 Asia-Pacific: Largest Market for Ionic Liquids
Figure 11 Ionic Liquids Market Growth, By Regions, 2016-2021
Figure 12 Ionic Liquids Market: Life Cycle Analysis
Figure 13 Ionic Liquids Market, By Region
Figure 14 Ionic Liquids Market Dynamics
Figure 15 Ionic Liquids Market: Value-Chain Analysis
Figure 16 Porter's Five Forces Analysis
Figure 17 Bio-Refineries to Be the Fastest Growing Application of Ionic Liquids Between 2016 and 2021
Figure 18 Solvents & Catalysts Was the Largest Application of Ionic Liquids in 2015
Figure 19 Asia-Pacific to Witness the Highest Growth in Solvents & Catalysts Application for Ionic Liquids
Figure 20 Asia-Pacific Dominates the Ionic Liquids Market in Process & Operating Fluids Application
Figure 21 Asia-Pacific Leads Plastics Application of Ionic Liquids
Figure 22 Asia-Pacific Leads the Ionic Liquids Market for Electrochemistry & Batteries Application
Figure 23 Asia-Pacific: Fastest-Growing Market for Bio-Refineries Applications of Ionic Liquids
Figure 24 Asia-Pacific to Account for the Major Share of Growth
Figure 25 North American Market Snapshot: Solvents & Catalysts to Dominate the North American Ionic Liquids Market
Figure 26 Europe Market Snapshot: Solvents & Catalysts Accounted for A Major Share of the Ionic Liquids Market, 2015
Figure 27 Solvents & Catalysts to Account for A Major Share of the Ionic Liquids Market in Asia-Pacific, 2015
Figure 28 Asia-Pacific Snapshot: China Dominates the Ionic Liquids Market in Asia-Pacific
Figure 29 China to Account for the Largest Share of the Ionic Liquids Market in Asia-Pacific
Figure 30 BASF SE: Company Snapshot
Figure 31 BASF SE: SWOT Analysis
Figure 32 Evonik Industries: Company Snapshot
Figure 33 Evonik Industries: SWOT Analysis
Figure 34 Solvay S.A.: Company Snapshot
Figure 35 Solvay S.A.: SWOT Analysis
Figure 36 Merck KGAA: Company Snapshot
Figure 37 Chemours: Company Snapshot

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:** Ionic Liquids Market by Application (Solvents & Catalysts, Process & Operating Fluids, Plastics, Batteries & Electrochemistry, Bio-Refineries) and by Region (North America, Europe, Asia-Pacific and Rest of World) - Global Forecast to 2021
- **Web Address:** [http://www.researchandmarkets.com/reports/3734874/](http://www.researchandmarkets.com/reports/3734874/)
- **Office Code:** SCBRRK2K

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

- **Electronic (PDF)**
  - Single User: USD 5650
  - 1 - 5 Users: USD 6650
  - Site License: USD 8150
  - Enterprisewide: USD 10000

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