Driven by a surge in sales volume of new energy vehicles in China, the upstream material- lithium carbonate was in short supply in the fourth quarter of 2015 with soaring prices. Global lithium carbonate output increased by 12.3% year on year to 202,800 tons in 2015 and is expected to arrive at 244,200 tons in 2016, 288,900 tons in 2017, and 341,000 tons in 2018, a rise of 20.4%, 18.3%, and 18.4% from a year ago, respectively.

The booming sales of new energy vehicles worldwide will boost lithium carbonate consumption significantly. According to estimates, every 100,000 new energy vehicles (electric bus (40%), electric sedan (20%), hybrid bus (25%), and hybrid sedan (15%)) will create a demand of 5,000 tons to 8,000 tons of battery-grade lithium carbonate, about a rise of 5%-8% in global demand for battery-grade lithium carbonate.

The price of lithium carbonate in China has been going straight up since Oct 2015 with that of industrial-grade and battery-grade lithium carbonate rising substantially (to RMB120,000/t and RMB150,000/t in Jan 2016, respectively, when battery-grade lithium hydroxide was quoted at RMB140,000/t, compared with the bottom price of lithium carbonate standing at RMB50,000/t). It is expected that global demand for lithium carbonate will outpace supply during 2016-2017, leading to a continued price rise during this period. As new lithium carbonate capacities are gradually released after 2017, the price will tend to stabilize.

Global lithium resources are primarily concentrated in Chile and China. However, as the Chinese lithium carbonate manufacturers are restrained by production technology, the supply of capacity is limited and Chile and Australia hold the lion's share of global capacity. The world's top3 players- SQM, FMC, and Rockwood together seize more than 56% market share, which give them a strong bargaining power over downstream companies and powerful pricing power and allow them to adjust prices according to market supply & demand and changes in production costs. Global lithium carbonate companies have successively expanded capacity so as to meet ever-increasing market demand in recent years. Meanwhile, a large number of newcomers outside the industry build new capacity and get involved in lithium carbonate business, thus reducing the concentration of the industry.

Chinese lithium carbonate suppliers can be principally divided into two categories: salt lake providers represented by Tibet Urban Development and Investment, spodumene providers represented by Sichuan Tianqi Lithium Industries and Galaxy Resources. The exploitation of salt lakes in China is still in its infancy with small capacity, while spodumene providers represented by Sichuan Tianqi Lithium Industries are relatively competitive.

In 2014, China produced 43,000 tons of lithium carbonate, a year-on-year rise of 16.5%, 23,000 tons of lithium hydroxide monohydrate, up 4.5% over the previous year and mainly concentrated in Sichuan, and 2,600 tons of lithium metal, an increase of 13% from a year ago, compared with global output of around 4,000 tons. An output of 49,000 tons and apparent consumption of 74,000 tons caused a supply gap of 25,000 tons in 2015, and the gap is expected to reach 31,400 tons in 2020, creating brisk demand for imports.

We believe that as the Chinese government scales up its support for new energy vehicles, the demand for battery-grade lithium carbonate will be a tipping point. China's demand for battery-grade lithium carbonate was about 27,800 tons in 2015 and is expected to exceed 100,000 tons in 2020. The country's total demand for lithium carbonate will increase at annual rate of 20% over the next couple years, higher than the global average and approximating 167,000 tons in 2020.

Global and China Lithium Carbonate Industry Report, 2016-2020 by ResearchInChina highlights the followings:
- Global and China's lithium carbonate supply and demand, supply gap, the demand for lithium carbonate from downstream sectors, especially new energy vehicles, energy storage, and consumer electronics
- Global and China's competitive landscape, including market share of foreign and domestic companies, capacity planning, market pattern, etc.
- China's lithium carbonate imports and exports, covering import/export value, prices, sources, destinations, etc
- China's production costs of lithium carbonate with lithium extracted from ores and from salt lake brine, price trends, etc
- China's lithium battery industry, including shipments, technology routes, market pattern, etc
- Operation, technology, development planning, and output & sales of 8 lithium carbonate players in the United States, Chile, Australia, etc
- Operation, technology, development planning, and output & sales of 14 Chinese lithium carbonate companies

Contents:
1 Overview of Lithium Carbonate
  1.1 Definition of Lithium
    1.1.1 Distribution of Lithium Resources Worldwide
    1.1.2 Distribution of Lithium Resources in China
  1.2 Application and Product Type
  1.3 Industry Chain
  1.4 Production Technology

2 Development of Global Lithium Carbonate Industry
  2.1 Supply
  2.2 Demand
    2.2.1 New Energy Vehicles' Demand for Lithium Carbonate
    2.2.2 3C Consumer Electronics' Demand for Lithium Carbonate
    2.2.3 Energy Storage Equipment' Demand for Lithium Carbonate
  2.2.4 Industry's Demand for Lithium Carbonate
  2.3 Competitive Landscape

3 Development of Lithium Carbonate Industry in China
  3.1 Supply
  3.2 Demand
    3.2.1 Total Demand
    3.2.2 New Energy Vehicles' Demand for Lithium Carbonate
    3.2.3 Industrial Energy Storage's Demand for Lithium Carbonate
  3.3 Status Quo of Industrial Development
  3.4 Competitive Landscape
  3.5 Technology Trend- High-purity Lithium Carbonate

4 Import & Export of Lithium Carbonate in China
  4.1 Overview
  4.2 Import
    4.2.1 Import Volume
    4.2.2 Import Value
    4.2.3 Import Origins
  4.3 Export
    4.3.1 Export Volume
    4.3.2 Export Value
    4.3.3 Export Destinations

5 Production Costs and Prices
  5.1 Costs of Lithium Carbonate
    5.1.1 Lithium Extracted from Ores
    5.1.2 Lithium Extracted from Salt Lake Brine
  5.2 Prices and Trend

6 Chinese Lithium Battery Market
  6.1 Overview
  6.2 Industry Chain
  6.3 Output
  6.4 Technology Route
  6.5 Market Pattern
  6.6 Electric Vehicles' Demand for Lithium Battery
    6.6.1 Chinese EV Market
    6.6.2 Electric Vehicles' Demand for Lithium Carbonate in China
7 Major Global Companies
7.1 SQM
7.1.1 Profile
7.1.2 Operation
7.1.3 Capacity
7.1.4 Sales Volume
7.1.5 Development Trend
7.2 Albemarle
7.2.1 Profile
7.2.2 Operation
7.2.3 Lithium Carbonate Business
7.2.4 Development Trend
7.2.5 Competitive Edge
7.3 FMC
7.3.1 Profile
7.3.2 Operation
7.3.3 Lithium Carbonate Business
7.4 Orocobre
7.4.1 Profile
7.4.2 Lithium Carbonate Business
7.5 Galaxy Resources
7.5.1 Profile
7.5.2 Lithium Carbonate Business
7.6 Simbol Mining
7.6.1 Profile
7.6.2 Lithium Carbonate Business
7.7 Sentient
7.7.1 Profile
7.7.2 Lithium Carbonate Business
7.7.3 Enirgi
7.8 Nordic Mining
7.8.1 Profile
7.8.2 Lithium Carbonate Business

8 Major Chinese Lithium Carbonate Companies
8.1 Sichuan Tianqi Lithium Industries, Inc.
8.1.1 Profile
8.1.2 Operation
8.1.3 Revenue Structure
8.1.4 Cost Analysis
8.1.5 Output and Sales Volume
8.1.6 Resource Acquisition
8.1.7 Core Competence
8.1.8 Performance Forecast
8.2 Qinghai Salt Lake Industry Co., Ltd.
8.2.1 Profile
8.2.2 Operation
8.2.3 Revenue Structure
8.2.4 Lithium Carbonate Business
8.2.5 Core Competence
8.2.6 Performance Forecast
8.3 YOUNGY Co., Ltd. (formerly Luxiang)
8.3.1 Profile
8.3.2 Operation
8.3.3 Revenue Structure
8.3.4 Costs
8.3.5 Lithium Carbonate Business
8.3.6 Core Competence
8.3.7 Performance Forecast
8.4 Tibet Mineral Development Co., Ltd.
8.4.1 Profile
8.4.2 Operation
8.4.3 Revenue Structure
Distribution of Albemarle's Lithium Salt Processing Enterprises Worldwide
Operating Income of Albemarle, 2011-2015
Albemarle's Revenue from Lithium Business Segment and Comparison of EBITDA, 2014/2015Q3
Main Lithium Products of Albemarle
Lithium Carbonate Capacity of Albemarle, 2014-2020E
Albemarle's Commissioning of the 20,000 t/a Battery-grade Lithium Carbonate Plant in La Negra, Chile
Albemarle's New Addition of 50,000-ton Capacity of Spodumene Battery-grade Lithium Salts in 2020
FMC's Hombre Muerto Salt Lake Processing Technology
Operating Income of FMC, 2012-2015
Net Income of FMC, 2012-2015
FMC's Revenue Breakdown by Segment, 2014
FMC's Revenue Breakdown by Region, 2014
FMC's Revenue from Lithium Products, 2006-2015
Lithium Carbonate Downstream Fields in which FMC Set Foot
FMC's Prediction of Global Demand for Lithium Carbonate, 2016-2020
Lithium Carbonate Capacity of FMC, 2014-2020E
Product Sales Volume of Orocobre, 2013-2014
Olaroz Salt Lake Technical Transformation and Optimization Technology Roadmap
Olaroz Salt Lake Output Prediction, 2015
Lithium Carbonate Capacity of Orocobre, 2015-2020E
Lithium Carbonate Output and Sales Volume of Galaxy Resources' Jiangsu Plant, 2012-2013
Distribution of Nordic Mining's Resources
Organization Structure of Sichuan Tianqi Lithium Industries
Total Revenue, Operating Income and Net Income of Sichuan Tianqi Lithium Industries, 2007-2015
Gross Margin of Lithium Salts of Sichuan Tianqi Lithium Industries, 2010-2015
Revenue Structure of Sichuan Tianqi Lithium Industries by Region, 2009-2015
Lithium Carbonate Cost Structure of Sichuan Tianqi Lithium Industries, 2012-2013
Capacity Distribution of Sichuan Tianqi Lithium Industries, 2014
Revenue and Net Income of Qinghai Salt Lake Industry, 2009-2015
Revenue Structure of Qinghai Salt Lake Industry (by Product), 2010-2015
Total Revenue of Qinghai Salt Lake Industry, 2015-2017E
Transformation Process of YOUNGY Co., Ltd
Organization Structure of YOUNGY Co., Ltd, 2015
Revenue and Net Income of YOUNGY Co., Ltd, 2009-2015
Revenue Structure of YOUNGY Co., Ltd by Product, 2015H2
Revenue Structure of YOUNGY Co., Ltd by Region, 2015H2
Cost Structure of Lithium Products of YOUNGY Co., Ltd, 2013-2014
Lithium Ore Output, Sales Volume and Inventory of YOUNGY Co., Ltd, 2012-2014
Product R&D Scheme of Dongguan Tec-Rich Engineering, 2014-2018
Revenue and Net Income of Luxiang Co., Ltd, 2014-2017
Revenue Structure of Tibet Mineral Development by Product, 2015H2
Main Operating Indices of Lithium Carbonate Exploitation and Production Enterprises of Tibet Mineral Development, 2013-2014
Key Subsidiaries of Sichuan Western Resources Holding in New Energy Industry Chain
Revenue and Net Income of Sichuan Western Resources Holding, 2009-2015
Revenue Structure of Sichuan Western Resources Holding by Sector, 2015H2
Revenue Structure of Sichuan Western Resources Holding by Product, 2015H2
Revenue of Sichuan Western Resources Holding, 2015-2017E
Footprint of Jiangxi Ganfeng Lithium in the Emerging Fields
Revenue and Net Income of Jiangxi Ganfeng Lithium, 2009-2015
Product Manufacturing Flow of Jiangxi Ganfeng Lithium
Revenue, Cost and Gross Margin of Lithium Carbonate Business of Jiangxi Ganfeng Lithium, 2009-2014
Capacities of Main Products of Jiangxi Ganfeng Lithium, 2014
Distribution of Lithium Resource of Jiangxi Ganfeng Lithium
Major Projects of Jiangxi Ganfeng Lithium, 2013-2014
Revenue and Net Income of Jiangxi Ganfeng Lithium, 2014-2017
Revenue and Net Income of Western Mining, 2009-2015
Revenue and Net Income of Tibet Urban Development and Investment, 2009-2015
Product Capacity Planning of Tibet Urban Development and Investment, 2013-2018E
Revenue and Net Income of Jiangxi Special Electric Motor, 2009-2015
Revenue and Gross Margin of Jiangxi Special Electric Motor by Business, 2015H2
Projects with Raised Funds of Jiangxi Special Electric Motor
Capacities of Main Products of Xinjiang Lithium Salt Plant
Capacities of Main Products of Sichuan Ni & Co Guorun New Materials
Capacities of Main Products of Sichuan Jixiang Lithium
Capacities of Main Products of ABA Guangsheng Lithium
Capacities of Main Products of Shanghai China Lithium Industrial

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3606921/
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.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Global and Chinese Lithium Carbonate Industry Report, 2016-2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/3606921/">http://www.researchandmarkets.com/reports/3606921/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SCPLH4H7</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 2200</td>
</tr>
<tr>
<td>Hard Copy:</td>
<td>USD 2400 + USD 57 Shipping/Handling</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 3600</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Email Address: *</td>
<td>____________________________</td>
</tr>
<tr>
<td>Job Title:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Organisation:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Address:</td>
<td>____________________________</td>
</tr>
<tr>
<td>City:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Country:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Phone Number:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Fax Number:</td>
<td>____________________________</td>
</tr>
</tbody>
</table>

* 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