Global Bio Succinic Acid Market (Applications and Geography) - Size, Share, Trends, Analysis, Research, Future Demand, Scope and Forecast, 2013 - 2020

Description:
The U.S. Department of Energy (USDOE) considers succinic acid as one among the top twelve chemical building blocks. Succinic acid, as a platform chemical, is growing in demand in various applications. However, consumption of petroleum based succinic acid, as an intermediate, in manufacturing various chemicals, is limited due to its volatility of price and carbon footprints. These concerns led to the discovery of biological manufacturing of succinic acid. The bio succinic acid market is forecast to grow at a significant rate over the next seven years. The major drivers for this growth will be volatility in fossil fuel prices, rise in carbon footprints, and an interest in using locally available raw materials. Furthermore, increasing global demand of green chemicals will trigger its adoption in wide range of applications, especially, in bio plastics, making it a strong platform chemical.

Bio succinic acid is primarily being used as a replacement for petrol based succinic acid in few applications such as solvents and lubricants, de-icer solutions, cosmetics, food and pharma. Furthermore, newer application such as 1,4-Butanediol (BDO), PBS, plasticizers and polysters polyols market will accelerate the future growth of the market. Additionally, higher cost of crude oil, increase in investments for green chemicals, demand for renewable chemicals, and increase in government support will further boost the growth of the market. However, higher price of bio succinic acid and lengthy extraction processes are primarily restraining the market growth for the next few years. The global bio based succinic acid market is expected to reach market volume of 710.0 kilo tons by 2020, growing at a CAGR of 45.6% during 2013-2020.

Various industrial application markets analyzed in the study includes BDO, polyester polyols, PBS, plasticizers, resins, coatings, & pigments, solvents & lubricants, alkyd resins, and de-icer solutions. The resins, coatings, & pigments market generated maximum revenue in the year 2013. However, seven years down the line, BDO is expected to emerge as the largest application segment. This is largely due to higher consumption of bio succinic acid in the production of BDO, as a replacement of maleic anhydride. It is estimated that 1.2 MT of bio succinic acid is needed to replace 1 MT of maleic anhydride.

Among the four geographic markets, namely North America, Europe, Asia Pacific and RoW; Europe was the largest consumer of bio succinic acid in 2013. Stringent regulations in Europe towards carbon footprints have enabled significant application of bio succinic acid in various chemical manufacturing units. However, Asia Pacific will be the fastest growing market with an expected CAGR of 49.5% during 2013 to 2020.

The major companies profiled in this report include BioAmber, Myraint, DSM, Mitsui & Co, Mitsubishi, BASF, Roquette Frerse S.A, Purac and Reverdia.

KEY BENEFITS
- The report provides in-depth analysis of the current market scenario and offers expected future trends that would assist stakeholders in taking strategic and actionable decisions
- Quantitative analysis of the current market and estimations through 2013-2020 in terms of volume (Kilo Tons) and value ($Million)
- Analysis of the market factors in various geographic regions and business opportunities presented
- Identification of key investment pockets for various applications, services and geographies
- Identification of key players and their business performance analysis based on strategies followed by them
- Identification of key application segments based on future potential and growth prospects
- Top factors that are expected to affect the growth of the market along with impact analysis of such factors
- Analysis and evaluation of market trends to provide deep-dive intelligence into every market segment
- Competitive analysis to effectively plan and execute business plans

KEY MARKET SEGMENTS
- The global bio succinic acid market is segmented on the basis of application and geography.

BY APPLICATION
- Industrial Application
- 1,4-Butanediol (BDO)
- Polyester Polyols
- PBS
- Plasticizers
- Solvents & lubricants
- Alkyd Resins
- Resins, coatings, pigments
- De-icer solutions
- Food Application
- Pharma Application
- Cosmetics Application
- Others

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