Biocides Market by Type and by Application - Global Trends and Forecasts to 2020

Description: Biocides are substances used to kill or inhibit all life forms when introduced in sufficient concentration and duration. Biocides are mostly used to kill harmful organisms and control bacterial or fungal growth. There are various types of biocides such as halogen compounds, metallic compounds, organosulfurs, organic acids, phenolics, and others that are used in various applications such as water treatment, personal care, food & beverage, paints & coatings, wood preservation, and others. The biocide market is projected to register a CAGR of 4.8% between 2015 and 2020 to reach USD 10.6 Billion, by 2020.

Halogen Compounds have emerged as the key market for biocides. Halogen compounds are very effective microbial growth control agents. They are less costly, efficient, have wide spectrum of applications, and relatively low occurrence of resistance. The prime driver of biocides is the increasing demand from the end-use applications. The rising demand for biocides that comply with the environment norms is rising from the developed nations. Therefore, the demand for organic acids has increased in the European and North American region.

Water treatment segment is estimated to be the largest applications of the biocides market. Water treatment segment is projected to grow at the highest rate in biocide market between 2015 and 2020. The rising demand for treated water form municipal and industrial water treatment industries is driving the market for biocides. Biocides are used in oil & gas, metal & mining, pulp & paper and various other industries for treating the water. Moreover the rising demand for preservatives in food is driving the market for biocides in food & beverage segment. The rising construction activities in the Asia-Pacific region drive the market for biocides in wood preservation and paints & coatings segment.

This report estimates the biocides market for 2015, and projects its expected market size till 2020. It also provides a detailed qualitative and quantitative analysis of the biocide market. Various secondary sources, such as encyclopedia, directories, and databases are used to identify and collect information that is useful for this extensive commercial study. The primary sources experts from related industries and suppliers - have been interviewed to obtain and verify critical information as well as to assess the future prospects of the market.

Competitive scenarios of the top players in the biocides market have been discussed in detail. We have also profiled the leading players of this industry with their recent developments and other strategic industry activities. These top companies include BASF SE (Germany), Akzonobel N.V. (The Netherlands), Clariant AG (Switzerland), The Dow Chemical Company (U.S.), among others.

Scope of the Report

This research report categorizes the global market for biocides on the basis of type, application, and region along with forecasting volume, value, and analyzing trends in each of the submarkets.

On the basis of type: The biocides market is segmented on the basis of type, such as halogen compounds, metallic compounds, organosulfurs, organic acids, phenolics, and others. Each type is further described in detail in the report with volume and value forecasts.

On the basis of application: The market is segmented on the basis of application, such as water treatment, wood preservation, paints & coatings, personal care, food & beverage, and others. Each application is further described in detail in the report with volume and value forecasts.

On the basis of region: Regional level segmentation is carried out for biocides market; it includes North America, Asia-Pacific, Europe, and RoW, and further for key countries in each region.

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