

# Global Biocide Market by Types, Applications, Trends & Forecast (2011 – 2016)

<https://marketpublishers.com/r/G771F213A45EN.html>

Date: June 2012

Pages: 246

Price: US\$ 5,650.00 (Single User License)

ID: G771F213A45EN

## Abstracts

### Global Biocide Market - By Types, Applications, Trends & Forecast (2011 – 2016)

Biocides are substances that kill or inhibit all life forms when introduced in sufficient concentration and/or duration. They are used to control harmful organisms and control bacterial and fungal growth. Different types of biocide such as halogen compounds, metallic compounds, organosulfurs, organic acids, phenolic, etc. are used for various applications in personal care, water treatment, wood preservation, food and beverage, paints and coatings, and others. Growth in water treatment market on account of increasing water consumption due to population growth, changing food habits, and climate change is a major driver for global biocide market.

Biocides are also used as additives in polymers for preventing the growth of bacteria or fungi and also to prevent degradation of polymer's physical and sensorial properties, both within the material and at its surface. The incorporation of biocides in plastics and rubbers helps in reducing cost and effort required in cleaning especially, in demanding sectors such as food processing plants, hospitals, and home care.

Biocides are becoming compliant to environment regulations as more and more companies are meeting the regulations. The newer breed of biocide, which have lesser environmental impact and better performance features are key drivers of the biocide market. Higher priced specialty biocides are providing stiff competition to the commodity biocides.

Biocide market is also witnessing an increase in demand for environmentally friendly biocides in disinfectants and sanitizers in household, industrial, and institutional cleaners as compared to other biocide formulations. Other applications of biocides such

as health care industry are growing due to increasing health consciousness thus leading to need for protection from infections.

The best growth opportunities for the biocide products are in the Asia-Pacific and Eastern Europe region, whereas mature North American and West European markets are predictable to register a modest growth. Moreover, China will be the fastest-growing country in global biocide market as its strong economic growth continues. In mature markets such as the U.S., Western Europe, and Japan, growth will be driven more by a shift to higher value products rather than by significant volume pick-up.

We have used various secondary sources such as encyclopedia, directories, and databases to identify and collect information useful for this extensive commercial study of biocide market. 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 biocides.

We have also profiled leading players of this industry with their recent developments and other strategic industry activities. These include : Albemarle Corporation (U.S.), AkzoNobel N.V. (The Netherlands), Ashland Inc. (U.S.), Baker Hughes Incorporated (U.S.), BASF SE (Germany), Champion Technologies (U.S.), Clariant AG (Switzerland), Cortec Corporation (U.S.), The Dow Chemical Company (U.S.), FMC Corporation (U.S.), GE Water and Process Technologies (U.S.), Kemira Oyj (Finland), Lubrizol Corporation (U.S.), LANXESS AG (Germany), Lonza Group Ltd (Switzerland), Nalco Holding Company (U.S.), Thor Group Limited (U.K.), Troy Corporation (U.S.).

### Scope of the report

This biocides market research report categorizes the global market on the basis of applications, product types, and geography; forecasting volume and revenue and analyzing trends in each of the submarkets:

On the basis of applications:

The biocide market is segmented on the basis of end-user applications such as: Personal care, water treatment, wood preservation, food and beverage, and paints and coatings. Each application is further described in detail in the report with volume and revenue forecasted for each application.

On the basis of product type:

Halogen compounds, metallic compounds, organosulfurs, organic acids, and phenolic.

On the basis of geography:

North America, Europe, Asia-Pacific, and ROW and key countries in every region.

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